# Statement of Basis of the Federal Operating Permit

Phillips 66 Company

Site/Area Name: Sweeny Refinery
Physical location: 8189 Old FM 524 Rd
Nearest City: Sweeny
County: Brazoria

Permit Number: O1626
Project Type: Renewal

Standard Industrial Classification (SIC) Code: 2911
SIC Name: Petroleum Refining

This Statement of Basis sets forth the legal and factual basis for the draft permit conditions in accordance with 30 TAC §122.201(a)(4). Per 30 TAC §§ 122.241 and 243, the permit holder has submitted an application under § 122.134 for permit renewal. This document includes the following information:

A description of the facility/area process description;
A basis for applying permit shields;
A list of the federal regulatory applicability determinations;
A table listing the determination of applicable requirements;
A list of the New Source Review Requirements;
The rationale for periodic monitoring methods selected;
The rationale for compliance assurance methods selected;
A compliance status; and
A list of available unit attribute forms.

Prepared on: May 22, 2015

# Operating Permit
# Basis of Determination

## Permit Area Process Description

The Phillips 66 Sweeny Refinery consists of process units ordinarily used in the refining of crude oil for the purpose of producing fuels, and other petroleum products. Major processes involved in this purpose include distillation and fractionation, water separation, cracking large chain molecule fractions, or combining smaller molecule fractions to maximize gasoline production, the production of related feedstocks and additives for fuels, and cleaning and purification, such as acid gas and sulfur removal and recovery. This refinery plant makes use of "refinery gas" (by-products or waste streams) to fuel a number of combustion sources across the plant. The plant also contains a number of environmental systems, such as scrubbers, flares, fuel gas recovery, and closed vent systems and control devices. Process heaters, boilers, and cooling towers provide thermal utility service to the many processes throughout the plant.

## FOPs at Site

The "application area" consists of the emission units and that portion of the site included in the application and this permit. Multiple FOPs may be issued to a site in accordance with 30 TAC § 122.201(e). When there is only one area for the site, then the application information and permit will include all units at the site. Additional FOPs that exist at the site, if any, are listed below.

Additional FOPs: None

## Major Source Pollutants

The table below specifies the pollutants for which the site is a major source:

| | |
|---|---|
| Major Pollutants | VOC, $SO_2$, PM, $NO_X$, HAPs, CO |

## Reading State of Texas's Federal Operating Permit

The Title V Federal Operating Permit (FOP) lists all state and federal air emission regulations and New Source Review (NSR) authorizations (collectively known as "applicable requirements") that apply at a particular site or permit area (in the event a site has multiple FOPs). **The FOP does not authorize new emissions or new construction activities.** The FOP begins with an introductory page which is common to all Title V permits. This page gives the details of the company, states the authority of the issuing agency, requires the company to operate in accordance with this permit and 30 Texas Administrative Code (TAC) Chapter 122, requires adherence with NSR requirements of 30 TAC Chapter 116, and finally indicates the permit number and the issuance date.

This is followed by the table of contents, which is generally composed of the following elements. Not all permits will have all of the elements.

- General Terms and Conditions
- Special Terms and Conditions
    - Emissions Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting
    - Additional Monitoring Requirements
    - New Source Review Authorization Requirements
    - Compliance Requirements
    - Protection of Stratosphere Ozone
    - Permit Location
    - Permit Shield (30 TAC § 122.148)

- Attachments
    - Applicable Requirements Summary
        - Unit Summary
        - Applicable Requirements Summary
    - Additional Monitoring Requirements
    - Permit Shield
    - New Source Review Authorization References
    - Compliance Plan
    - Alternative Requirements
- Appendix A
    - Acronym list
- Appendix B
    - Copies of major NSR authorizations

General Terms and Conditions

The General Terms and Conditions are the same and appear in all permits. The first paragraph lists the specific citations for 30 TAC Chapter 122 requirements that apply to all Title V permit holders. The second paragraph describes the requirements for record retention. The third paragraph provides details for voiding the permit, if applicable. The fourth paragraph states that the permit holder shall comply with the requirements of 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit. The fifth paragraph provides details on submission of reports required by the permit.

Special Terms and Conditions

Emissions Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting. The TCEQ has designated certain applicable requirements as site-wide requirements. A site-wide requirement is a requirement that applies uniformly to all the units or activities at the site. Units with only site-wide requirements are addressed on Form OP-REQ1 and are not required to be listed separately on a OP-UA Form or Form OP-SUM. Form OP-SUM must list all units addressed in the application and provide identifying information, applicable OP-UA Forms, and preconstruction authorizations. The various OP-UA Forms provide the characteristics of each unit from which applicable requirements are established. Some exceptions exist as a few units may have both site-wide requirements and unit specific requirements.

Other conditions. The other entries under special terms and conditions are in general terms referring to compliance with the more detailed data listed in the attachments.

Attachments

Applicable Requirements Summary. The first attachment, the Applicable Requirements Summary, has two tables, addressing unit specific requirements. The first table, the Unit Summary, includes a list of units with applicable requirements, the unit type, the applicable regulation, and the requirement driver. The intent of the requirement driver is to inform the reader that a given unit may have several different operating scenarios and the differences between those operating scenarios.

The applicable requirements summary table provides the detailed citations of the rules that apply to the various units. For each unit and operating scenario, there is an added modifier called the “index number,” detailed citations specifying monitoring and testing requirements, recordkeeping requirements, and reporting requirements. The data for this table are based on data supplied by the applicant on the OP-SUM and various OP-UA forms.

Additional Monitoring Requirement. The next attachment includes additional monitoring the applicant must perform to ensure compliance with the applicable standard. Compliance assurance monitoring (CAM) is often required to provide a reasonable assurance of compliance with applicable emission limitations/standards for large emission units that use control devices to achieve compliance with applicant requirements. When necessary, periodic monitoring (PM) requirements are specified for certain parameters (i.e. feed rates, flow rates, temperature, fuel type and consumption, etc.) to determine if a term and condition or emission unit is operating within specified limits to control emissions. These additional monitoring approaches may be required for two reasons. First, the applicable rules do not adequately specify monitoring requirements (exception- Maximum Achievable Control Technology Standards (MACTs) generally have sufficient monitoring), and second, monitoring may be required to fill gaps in the monitoring requirements of certain applicable requirements. In situations where the NSR permit is the applicable requirement requiring extra monitoring for a specific emission unit, the preferred solution is to have the monitoring requirements in the NSR permit updated so that all NSR requirements are consolidated in the NSR permit.

Permit Shield. A permit may or may not have a permit shield, depending on whether an applicant has applied for, and justified the granting of, a permit shield. A permit shield is a special condition included in the permit document stating that compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirement(s) or specified applicable state-only requirement(s).

New Source Review Authorization References. All activities which are related to emissions in the state of Texas must have a NSR authorization prior to beginning construction. This section lists all units in the permit and the NSR authorization that allowed the unit to be constructed or modified. Units that do not have unit specific applicable requirements other than the NSR authorization do not need to be listed in this attachment. While NSR permits are not physically a part of the Title V permit, they are legally incorporated into the Title V permit by reference. Those NSR permits whose emissions exceed certain PSD/NA thresholds must also undergo a Federal review of federally regulated pollutants in addition to review for state regulated pollutants.

Compliance Plan. A permit may have a compliance schedule attachment for listing corrective actions plans for any emission unit that is out of compliance with an applicable requirement.

Alternative Requirements. This attachment will list any alternative monitoring plans or alternative means of compliance for applicable requirements that have been approved by the EPA Administrator and/or the TCEQ Executive Director.

Appendix A

Acronym list. This attachment lists the common acronyms used when discussing the FOPs.

Appendix B
Copies of major NSR authorizations applicable to the units covered by this permit have been included in this Appendix, to ensure that all interested persons can access those authorizations.

**Stationary vents subject to 30 TAC Chapter 111, Subchapter A, § 111.111(a)(1)(B) addressed in the Special Terms and Conditions**

The site contains stationary vents with a flowrate less than 100,000 actual cubic feet per minute (acfm) and constructed after January 31, 1972 which are limited, over a six-minute average, to 20% opacity as required by 30 TAC § 111.111(a)(1)(B). As a site may have a large number of stationary vents that fall into this category, they are not required to be listed individually in the permit's Applicable Requirement Summary. This is consistent with EPA's White Paper for Streamlined Development of Part 70 Permit Applications, July 10, 1995, that states that requirements that apply identically to emission units at a site can be treated on a generic basis such as source-wide opacity limits.

Periodic monitoring is specified in Special Term and Condition 3.A. for stationary vents subject to 30 TAC § 111.111(a)(1)(B) to verify compliance with the 20% opacity limit. These vents are not expected to produce visible emissions during normal operation. The TCEQ evaluated the probability of these sources violating the opacity standards and determined that there is a very low potential that an opacity standard would be exceeded. It was determined that continuous monitoring for these sources is not warranted as there would be very limited environmental benefit in continuously monitoring sources that have a low potential to produce visible emissions. Therefore, the TCEQ set the visible observation monitoring frequency for these sources to once per calendar quarter.

The TCEQ has exempted vents that are not capable of producing visible emissions from periodic monitoring requirements. These vents include sources of colorless VOCs, non-fuming liquids, and other materials that cannot produce emissions that obstruct the transmission of light. Passive ventilation vents, such as plumbing vents, are also included in this category. Since this category of vents are not capable of producing opacity due to the physical or chemical characteristics of the emission source, periodic monitoring is not required as it would not yield any additional data to assure compliance with the 20% opacity standard of 30 TAC § 111.111(a)(1)(B).

In the event that visible emissions are detected, either through the quarterly observation or other credible evidence, such as observations from company personnel, the permit holder shall either report a deviation or perform a Test Method 9 observation to determine the opacity consistent with the 6-minute averaging time specified in 30 TAC § 111.111(a)(1)(B). An additional provision is included to monitor combustion sources more frequently than quarterly if alternate fuels are burned for periods greater than 24 consecutive hours. This will address possible emissions that may arise when switching fuel types.

**Stationary Vents subject to 30 TAC Chapter 111 not addressed in the Special Terms and Conditions**

All other stationary vents subject to 30 TAC Chapter 111 not covered in the Special Terms and Conditions are listed in the permit's Applicable Requirement Summary. The basis for the applicability determinations for these vents are listed in the Determination of Applicable Requirements table.

**Federal Regulatory Applicability Determinations**

The following chart summarizes the applicability of the principal air pollution regulatory programs to the permit area:

| Regulatory Program | Applicability (Yes/No) |
|---|---|
| Prevention of Significant Deterioration (PSD) | Yes |
| Nonattainment New Source Review (NNSR) | No |
| Minor NSR | Yes |
| 40 CFR Part 60 - New Source Performance Standards | Yes |
| 40 CFR Part 61 - National Emission Standards for Hazardous Air Pollutants (NESHAPs) | Yes |
| 40 CFR Part 63 - NESHAPs for Source Categories | Yes |
| Title IV (Acid Rain) of the Clean Air Act (CAA) | No |

| | |
|---|---|
| Title V (Federal Operating Permits) of the CAA | Yes |
| Title VI (Stratospheric Ozone Protection) of the CAA | Yes |
| CAIR (Clean Air Interstate Rule) | No |

**Basis for Applying Permit Shields**

An operating permit applicant has the opportunity to specifically request a permit shield to document that specific applicable requirements do not apply to emission units in the permit. A permit shield is a special condition stating that compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements. A permit shield has been requested in the application for specific emission units. For the permit shield requests that have been approved, the basis of determination for regulations that the owner/operator need not comply with are located in the "Permit Shield" attachment of the permit.

**Insignificant Activities**

In general, units not meeting the criteria for inclusion on either Form OP-SUM or Form OP-REQ1 are not required to be addressed in the operating permit application. Examples of these types of units include, but are not limited to, the following:

1. Office activities such as photocopying, blueprint copying, and photographic processes.
2. Sanitary sewage collection and treatment facilities other than those used to incinerate wastewater treatment plant sludge. Stacks or vents for sanitary sewer plumbing traps are also included.
3. Food preparation facilities including, but not limited to, restaurants and cafeterias used for preparing food or beverages primarily for consumption on the premises.
4. Outdoor barbecue pits, campfires, and fireplaces.
5. Laundry dryers, extractors, and tumblers processing bedding, clothing, or other fabric items generated primarily at the premises. This does not include emissions from dry cleaning systems using perchloroethylene or petroleum solvents.
6. Facilities storing only dry, sweet natural gas, including natural gas pressure regulator vents.
7. Any air separation or other industrial gas production, storage, or packaging facility. Industrial gases, for purposes of this list, include only oxygen, nitrogen, helium, neon, argon, krypton, and xenon.
8. Storage and handling of sealed portable containers, cylinders, or sealed drums.
9. Vehicle exhaust from maintenance or repair shops.
10. Storage and use of non-VOC products or equipment for maintaining motor vehicles operated at the site (including but not limited to, antifreeze and fuel additives).
11. Air contaminant detectors and recorders, combustion controllers and shut-off devices, product analyzers, laboratory analyzers, continuous emissions monitors, other analyzers and monitors, and emissions associated with sampling activities. Exception to this category includes sampling activities that are deemed fugitive emissions and under a regulatory leak detection and repair program.
12. Bench scale laboratory equipment and laboratory equipment used exclusively for chemical and physical analysis, including but not limited to, assorted vacuum producing devices and laboratory fume hoods.
13. Steam vents, steam leaks, and steam safety relief valves, provided the steam (or boiler feedwater) has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.
14. Storage of water that has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.
15. Well cellars.

16. Fire or emergency response equipment and training, including but not limited to, use of fire control equipment including equipment testing and training, and open burning of materials or fuels associated with firefighting training.
17. Crucible or pot furnaces with a brim full capacity of less than 450 cubic inches of any molten metal.
18. Equipment used exclusively for the melting or application of wax.
19. All closed tumblers used for the cleaning or deburring of metal products without abrasive blasting, and all open tumblers with a batch capacity of 1,000 lbs. or less.
20. Shell core and shell mold manufacturing machines.
21. Sand or investment molds with a capacity of 100 lbs. or less used for the casting of metals;
22. Equipment used for inspection of metal products.
23. Equipment used exclusively for rolling, forging, pressing, drawing, spinning, or extruding either hot or cold metals by some mechanical means.
24. Instrument systems utilizing air, natural gas, nitrogen, oxygen, carbon dioxide, helium, neon, argon, krypton, and xenon.
25. Battery recharging areas.
26. Brazing, soldering, or welding equipment.

**Determination of Applicable Requirements**

The tables below include the applicability determinations for the emission units, the index number(s) where applicable, and all relevant unit attribute information used to form the basis of the applicability determination. The unit attribute information is a description of the physical properties of an emission unit which is used to determine the requirements to which the permit holder must comply. For more information about the descriptions of the unit attributes specific Unit Attribute Forms may be viewed at www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html.

A list of unit attribute forms is included at the end of this document. Some examples of unit attributes include construction date; product stored in a tank; boiler fuel type; etc.. Generally, multiple attributes are needed to determine the requirements for a given emission unit and index number. The table below lists these attributes in the column entitled "Basis of Determination." Attributes that demonstrate that an applicable requirement applies will be the factual basis for the specific citations in an applicable requirement that apply to a unit for that index number. The TCEQ Air Permits Division has developed flowcharts for determining applicability of state and federal regulations based on the unit attribute information in a Decision Support System (DSS). These flowcharts can be accessed via the internet at www.tceq.texas.gov/permitting/air/nav/air_supportsys.html. The Air Permits Division staff may also be contacted for assistance at (512) 239-1250.

The attributes for each unit and corresponding index number provide the basis for determining the specific legal citations in an applicable requirement that apply, including emission limitations or standards, monitoring, recordkeeping, and reporting. The rules were found to apply or not apply by using the unit attributes as answers to decision questions found in the flowcharts of the DSS. Some additional attributes indicate which legal citations of a rule apply. The legal citations that apply to each emission unit may be found in the Applicable Requirements Summary table of the draft permit. There may be some entries or rows of units and rules not found in the permit, or if the permit contains a permit shield, repeated in the permit shield area. These are sets of attributes that describe negative applicability, or; in other words, the reason why a potentially applicable requirement does not apply.

If applicability determinations have been made which differ from the available flowcharts, an explanation of the decisions involved in the applicability determination is specified in the column "Changes and Exceptions to RRT." If there were no exceptions to the DSS, then this column has been removed.

The draft permit includes all emission limitations or standards, monitoring, recordkeeping and reporting required by each applicable requirement. If an applicable requirement does not require monitoring, recordkeeping, or reporting, the word "None" will appear in the Applicable Requirements Summary table. If additional periodic monitoring is required for an applicable requirement, it will be explained in detail in the portion of this document entitled "Rationale for Compliance Assurance Monitoring (CAM)/ Periodic Monitoring Methods Selected."

When attributes demonstrate that a unit is not subject to an applicable requirement, the applicant may request a permit shield for those items. The portion of this document entitled "Basis for Applying Permit Shields" specifies which units, if any, have a permit shield.

Operational Flexibility
When an emission unit has multiple operating scenarios, it will have a different index number associated with each operating condition. This means that units are permitted to operate under multiple operating conditions. The applicable requirements for each operating condition are determined by a unique set of unit attributes. For example, a tank may store two different products at different points in time. The tank may, therefore, need to comply with two distinct sets of requirements, depending on the product that is stored. Both sets of requirements are included in the permit, so that the permit holder may store either product in the tank.

## Determination of Applicable Requirements

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 11-0-0 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP Index No. = Owner/Operator assumes HRVOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device. | None |
| 11-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |
| 11-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = YES<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |
| 11-36-1 | 30 TAC Chapter 117, Subchapter B | R7301-1 | Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.<br>Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).<br>Unit Type = Process heater<br>CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option<br>Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr.<br>CO Monitoring System = Predictive emission monitoring system complying with 30 TAC § 117.8100(b).<br>NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average<br>NOx Reduction = Forced flue gas recirculation<br>Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.<br>Fuel Type #2 = Natural gas<br>NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000]<br>Annual Heat Input = Annual heat input is greater than $2.8(10^{11})$ Btu/yr, based on a rolling 12-month average.<br>NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) | None |
| 11-36-1 | 30 TAC Chapter 111, Visible Emissions | R1111 | Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.<br>Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit.<br>Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3).<br>Construction Date = On or before January 31, 1972<br>Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 11-36-1 | 40 CFR Part 60, Subpart J | 60J-1 | Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).<br>Construction/Modification Date = On or before June 11, 1973. | None |
| 11-36-5 | 30 TAC Chapter 117, Subchapter B | R7301-1 | Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.<br>Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).<br>Unit Type = Process heater<br>CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option<br>Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr.<br>CO Monitoring System = Predictive emission monitoring system complying with 30 TAC § 117.8100(b).<br>NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average<br>NOx Reduction = Induced flue gas recirculation<br>Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.<br>Fuel Type #2 = Natural gas<br>NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000]<br>Annual Heat Input = Annual heat input is greater than $2.8(10^{11})$ Btu/yr, based on a rolling 12-month average.<br>NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) | None |
| 11-36-5 | 30 TAC Chapter 111, Visible Emissions | R1111 | Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.<br>Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit.<br>Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3).<br>Construction Date = On or before January 31, 1972<br>Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute. | None |
| 11-36-5 | 40 CFR Part 60, Subpart J | 60J-1 | Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).<br>Construction/Modification Date = On or before June 11, 1973. | None |
| 121-95-1 | 30 TAC Chapter 115, Storage of VOCs | R5112-3 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using a submerged fill pipe<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons | None |
| 121-95-1 | 40 CFR Part 60, Subpart Ka | 60Ka-2 | Product Stored = Petroleum liquid (other than petroleum or condensate)<br>Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 14-0-0 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP Index No. = Owner/Operator assumes HRVOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device. | None |
| 14-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |
| 14-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = YES<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |
| 14-36-3 | 30 TAC Chapter 117, Subchapter B | R7301-1 | Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.<br>Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).<br>Unit Type = Process heater<br>CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option<br>Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr.<br>CO Monitoring System = Predictive emission monitoring system complying with 30 TAC § 117.8100(b).<br>NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average<br>NOx Reduction = Induced flue gas recirculation<br>Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.<br>Fuel Type #2 = Natural gas<br>NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000]<br>Annual Heat Input = Annual heat input is greater than $2.8(10^{11})$ Btu/yr, based on a rolling 12-month average.<br>NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) | None |
| 14-36-3 | 30 TAC Chapter 111, Visible Emissions | R1111 | Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.<br>Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit.<br>Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3).<br>Construction Date = On or before January 31, 1972<br>Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 14-36-3 | 40 CFR Part 60, Subpart J | 60J-1 | Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).<br>Construction/Modification Date = On or before June 11, 1973. | None |
| 14-36-4 | 30 TAC Chapter 117, Subchapter B | R7301-1 | Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.<br>Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).<br>Unit Type = Process heater<br>CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option<br>Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr.<br>CO Monitoring System = Predictive emission monitoring system complying with 30 TAC § 117.8100(b).<br>NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average<br>NOx Reduction = Induced flue gas recirculation<br>Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.<br>Fuel Type #2 = Natural gas<br>NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000]<br>Annual Heat Input = Annual heat input is greater than $2.8(10^{11})$ Btu/yr, based on a rolling 12-month average.<br>NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) | None |
| 14-36-4 | 30 TAC Chapter 111, Visible Emissions | R1111 | Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.<br>Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit.<br>Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3).<br>Construction Date = On or before January 31, 1972<br>Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute. | None |
| 14-36-4 | 40 CFR Part 60, Subpart J | 60J-1 | Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).<br>Construction/Modification Date = On or before June 11, 1973. | None |
| 15-0-0 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP Index No. = Owner/Operator assumes HRVOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 15-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device.<br>Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10.<br>Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components.<br>Weight Percent VOC = All components contact a process fluid that contains greater than or equal to 10% VOC by weight.<br>Reciprocating Compressors Or Positive Displacement Pumps = The fugitive unit does not have reciprocating compressors or positive displacement pumps used in natural gas/gasoline processing operations. | None |
| 15-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = YES<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |
| 15-36-2 | 30 TAC Chapter 111, Visible Emissions | R1111 | Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.<br>Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit.<br>Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3).<br>Construction Date = On or before January 31, 1972<br>Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute. | None |
| 15-36-2 | 40 CFR Part 60, Subpart J | 60J-1 | Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).<br>Construction/Modification Date = On or before June 11, 1973. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 15-36-3 | 30 TAC Chapter 117, Subchapter B | R7301-3 | Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.<br>Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).<br>Unit Type = Process heater<br>CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option<br>Maximum Rated Capacity = Maximum rated capacity is at least 2 MMBtu/hr, but less than 40 MMBtu/hr.<br>CO Monitoring System = Predictive emission monitoring system complying with 30 TAC § 117.8100(b).<br>NOx Emission Limit Basis = Emission limit in lb/MMBtu on a rolling 30-day average<br>NOx Reduction = No $NO_x$ control method<br>Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.<br>Fuel Type #2 = Natural gas<br>NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000]<br>NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) | None |
| 15-36-3 | 30 TAC Chapter 111, Visible Emissions | R1111 | Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.<br>Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit.<br>Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3).<br>Construction Date = On or before January 31, 1972<br>Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute. | None |
| 15-36-3 | 40 CFR Part 60, Subpart J | 60J-1 | Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).<br>Construction/Modification Date = On or before June 11, 1973. | None |
| 17-0-0 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP Index No. = Owner/Operator assumes HRVOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device. | None |
| 17-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |
| 17-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = YES<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 17-95-9 | 30 TAC Chapter 115, Vent Gas Controls | R5121-17-95-9 | Alternate Control Requirement = Alternate control is not used.<br>Control Device Type = Smokeless flare<br>Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10. | None |
| 17-95-9 | 40 CFR Part 63, Subpart CC | 63CC | Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |
| 17-95-9 | 40 CFR Part 63, Subpart G | 63G-17-95-9 | Alternate Monitoring Parameters = The EPA Administrator has not approved alternate monitoring parameters or alternate monitoring parameters are not used.<br>Control Device = Flare<br>Overlap = Title 40 CFR Part 63, Subpart G only<br>Group 1 = The process vent meets the definition of a Group 1 process vent.<br>Halogenated = Vent stream is not halogenated.<br>By-pass Lines = The vent system does not contain by-pass lines that can divert the vent stream from the control device.<br>Performance Test = A performance test was conducted for determining compliance with a regulation promulgated by the EPA using the same methods specified in Subpart G and either no process changes have been made, or the results reliably indicate compliance. | None |
| 19-0-0 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP Index No. = Owner/Operator assumes HRVOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device. | None |
| 19-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |
| 19-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = YES<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |
| 20-0-0 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP Index No. = Owner/Operator assumes HRVOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device. | None |
| 20-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 20-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = YES<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |
| 20-36-1 | 30 TAC Chapter 117, Subchapter B | R7301-4 | Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.<br>Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).<br>Unit Type = Process heater<br>CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option<br>Maximum Rated Capacity = Maximum rated capacity is at least 2 MMBtu/hr, but less than 40 MMBtu/hr.<br>CO Monitoring System = Predictive emission monitoring system complying with 30 TAC § 117.8100(b).<br>NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average<br>NOx Reduction = No $NO_x$ control method<br>Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.<br>Fuel Type #2 = Natural gas<br>NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000]<br>Annual Heat Input = Annual heat input is greater than $2.8(10^{11})$ Btu/yr, based on a rolling 12-month average.<br>NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) | None |
| 20-36-1 | 30 TAC Chapter 111, Visible Emissions | R1111 | Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.<br>Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit.<br>Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3).<br>Construction Date = On or before January 31, 1972<br>Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute. | None |
| 20-36-1 | 40 CFR Part 60, Subpart J | 60J-1 | Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).<br>Construction/Modification Date = On or before June 11, 1973. | None |
| 25.1-0-0 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP Index No. = Owner/Operator assumes HRVOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 25.1-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |
| 25.1-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = YES<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |
| 25.1-36-1 | 30 TAC Chapter 117, Subchapter B | R7301-2 | Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.<br>Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).<br>Unit Type = Process heater<br>CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option<br>Maximum Rated Capacity = Maximum rated capacity is at least 200 MMBtu/hr.<br>CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1).<br>NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average<br>NOx Reduction = No $NO_x$ control method<br>Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.<br>Fuel Type #2 = Natural gas<br>NOx Monitoring System = Continuous emissions monitoring system<br>Annual Heat Input = Annual heat input is greater than $2.2(10^{11})$ Btu/yr, based on a rolling 12-month average.<br>NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 25.1-36-1 | 30 TAC Chapter 117, Subchapter B | R7301-5 | Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.<br>Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).<br>Unit Type = Process heater<br>CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option<br>Maximum Rated Capacity = Maximum rated capacity is at least 200 MMBtu/hr.<br>CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1).<br>NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average<br>NH3 Emission Limitation = Title 30 TAC § 117.310(c)(2)<br>NOx Reduction = Post combustion control technique with ammonia injection<br>Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.<br>NH3 Monitoring = Mass balance<br>Fuel Type #2 = Natural gas<br>NOx Monitoring System = Continuous emissions monitoring system<br>Annual Heat Input = Annual heat input is greater than $2.2(10^{11})$ Btu/yr, based on a rolling 12-month average.<br>NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) | None |
| 25.2-0-0 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP Index No. = Owner/Operator assumes HRVOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device. | None |
| 25.2-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device.<br>Process Drains = The fugitive unit has process drains.<br>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate method for demonstrating and documenting continuous compliance with an alternate control requirement or exemption criteria for process drains or no alternate has been requested.<br>Complying with 30 TAC § 115.352(1) = Process drains are not complying with the requirements in 30 TAC § 115.352(1).<br>TVP of Process Fluid VOC <= 0.044 PSIA AT 68° F = Process drains contact a process fluid containing VOC having a true vapor pressures less than or equal to 0.044 psia at 68 degrees Fahrenheit. | None |
| 25.2-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = YES<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 25.2-CS | 30 TAC Chapter 117, Subchapter B | R7301-6 | Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.<br>Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).<br>Unit Type = Process heater<br>CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option<br>Maximum Rated Capacity = Maximum rated capacity is at least 100 MMBtu/hr, but less than 200 MMBtu/hr.<br>CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1).<br>NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average<br>NOx Reduction = No $NO_x$ control method<br>Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.<br>Fuel Type #2 = Natural gas<br>NOx Monitoring System = Continuous emissions monitoring system<br>Annual Heat Input = Annual heat input is greater than $2.2(10^{11})$ Btu/yr, based on a rolling 12-month average.<br>NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) | None |
| 25.2-CS | 40 CFR Part 60, Subpart J | 60J-3 | Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).<br>Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.<br>Monitoring Device = An instrument is in place for continuously monitoring and recording the concentration by volume of $SO_2$ emissions into the atmosphere. | None |
| 26.1-0-0 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP Index No. = Owner/Operator assumes HRVOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device. | None |
| 26.1-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |
| 26.1-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = YES<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |
| 26.2-0-0 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP Index No. = Owner/Operator assumes HRVOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 26.2-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |
| 26.2-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = YES<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |
| 26-CS | 30 TAC Chapter 117, Subchapter B | R7301-2 | Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.<br>Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).<br>Unit Type = Process heater<br>CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option<br>Maximum Rated Capacity = Maximum rated capacity is at least 200 MMBtu/hr.<br>CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1).<br>NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average<br>NOx Reduction = No $NO_x$ control method<br>Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.<br>Fuel Type #2 = Natural gas<br>NOx Monitoring System = Continuous emissions monitoring system<br>Annual Heat Input = Annual heat input is greater than $2.2(10^{11})$ Btu/yr, based on a rolling 12-month average.<br>NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) | None |
| 26-CS | 40 CFR Part 60, Subpart J | 60J-3 | Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).<br>Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.<br>Monitoring Device = An instrument is in place for continuously monitoring and recording the concentration by volume of $SO_2$ emissions into the atmosphere. | None |
| 27.1-0-0 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP Index No. = Owner/Operator assumes HRVOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device. | None |
| 27.1-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 27.1-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = YES<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |
| 27.1-36-RE | 30 TAC Chapter 111, Nonagricultural Processes | R1151 | Effective Stack Height = The effective stack height as calculated in the equation specified by 30 TAC §111.151(c) is not less than the standard effective stack height as determined by Table 2 specified in 30 TAC §111.151(b). | None |
| 27.1-36-RE | 30 TAC Chapter 111, Visible Emissions | R1111-27.1-RE | Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.<br>Vent Source = The source of the vent is a catalyst regenerator for a fluid bed catalytic cracking unit.<br>Opacity Monitoring System = A continuous emissions monitoring system (CEMS) capable of measuring the opacity of emissions is installed in the vent in accordance with 30 TAC § 111.111(a)(1)(C).<br>Total Feed Capacity = Total feed capacity is greater than 20,000 barrels per day.<br>Construction Date = After January 31, 1972<br>Effluent Flow Rate = Effluent flow rate is at least 100,000 actual cubic feet per minute. | None |
| 27.1-36-RE | 30 TAC Chapter 115, Vent Gas Controls | R5121-27-36-RE | Alternate Control Requirement = Alternate control is not used.<br>Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.<br>Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).<br>VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected. | None |
| 27.1-36-RE | 40 CFR Part 60, Subpart J | 60J-2 | Facility Type = FCCU catalyst regenerator located at a petroleum refinery.<br>Construction/Modification Date = After January 17, 1984 and on or before May 14, 2007.<br>Contact Material = The FCCU catalyst regenerator does not have contact material that reacts with petroleum derivatives to improve feedstock quality in which the contact material is regenerated by burning off coke and/or other deposits.<br>Sulfur Content = The FCCU does not use an add-on control device to control SO2 emissions.<br>Discharged Gases = Gases discharged by the FCCU catalyst regenerator do not pass through an incinerator or waste heat boiler in which auxiliary or supplemental liquid or solid fossil fuel is burned.<br>CO Monitoring = It has not been demonstrated to the Administrator that the average CO emissions are less than 50 ppm (dry basis). | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 27.1-36-RE | 40 CFR Part 63, Subpart UUU | 63UUU-2 | CCU CO Emission Limitation = CCU subject to the NSPS for CO in 40 CFR § 60.103 or electing to comply with the NSPS requirements (Option 1).<br>CCU PM/Opacity Emission Limitation = CCU not subject to NSPS for PM in 40 CFR §60.102, electing to comply with the NSPS requirements - PM emissions not to exceed 1.0 kg/1,000 kg of coke burn-off in the catalyst regenerator and opacity not to exceed 30%, except for one 6-min avg opacity.<br>CCU PM Control Device = Electrostatic Precipitator serving CCU over 20,000 barrels/day fresh feed capacity.<br>CCU CO Monitoring Method = Continuous Emissions Monitoring System for measuring CO concentration.<br>CCU PM Monitoring Method = Continuous Parameter Monitoring System for measuring gas flow rate, voltage, and secondary current.<br>CCU Bypass Line = No bypass line serving the catalytic cracking unit.<br>Alternate Method for Measuring Gas Flow Rate = Not using an alternate method for measuring gas flow rate as listed in §63.1573(a)(1). | None |
| 27.2-0-0 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP Index No. = Owner/Operator assumes HRVOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device. | None |
| 27.2-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |
| 27.2-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = YES<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |
| 28.1-0-0 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP Index No. = Owner/Operator assumes HRVOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device. | None |
| 28.1-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |
| 28.1-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = YES<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 28.1-61-10 | 30 TAC Chapter 111, Visible Emissions | R1111-28-61-10 | Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1.<br>Emergency/Upset Conditions Only = Flare is used only under emergency or upset conditions.<br>Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.<br>Construction Date = Newest source routing emissions to the flare began construction after January 31, 1972. | None |
| 28.1-61-10 | 40 CFR Part 60, Subpart A | 60A-28-61-10 | Subject to 40 CFR § 60.18 = Flare is not subject to 40 CFR § 60.18. | None |
| 28.1-61-10 | 40 CFR Part 63, Subpart A | 63A-28-61-10 | Required Under 40 CFR Part 63 = Flare is not required by a Subpart under 40 CFR Part 63. | None |
| 28.1-61-10 | 40 CFR Part 60, Subpart J | 60J-4 | Facility Type = Flare that is used for fuel gas combustion located at a petroleum refinery, that does NOT meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).<br>Construction/Modification Date = After June 11, 1973 and on or before June 24, 2008.<br>Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of $SO_2$ emissions into the atmosphere. | None |
| 28.1-61-9 | 30 TAC Chapter 111, Visible Emissions | R1111-28-61-9 | Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1.<br>Emergency/Upset Conditions Only = Flare is used only under emergency or upset conditions.<br>Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.<br>Construction Date = Newest source routing emissions to the flare began construction after January 31, 1972. | None |
| 28.1-61-9 | 40 CFR Part 60, Subpart A | 60A-28.1-61-9 | Subject to 40 CFR § 60.18 = Flare is not subject to 40 CFR § 60.18. | None |
| 28.1-61-9 | 40 CFR Part 63, Subpart A | 63A-28.1-61-9 | Required Under 40 CFR Part 63 = Flare is not required by a Subpart under 40 CFR Part 63. | None |
| 28.1-61-9 | 40 CFR Part 60, Subpart J | 60J-4 | Facility Type = Flare that is used for fuel gas combustion located at a petroleum refinery, that does NOT meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).<br>Construction/Modification Date = After June 11, 1973 and on or before June 24, 2008.<br>Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of $SO_2$ emissions into the atmosphere. | None |
| 28.2-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device.<br>Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10.<br>Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components.<br>Weight Percent VOC = All components contact a process fluid that contains greater than or equal to 10% VOC by weight.<br>Reciprocating Compressors Or Positive Displacement Pumps = The fugitive unit does not have reciprocating compressors or positive displacement pumps used in natural gas/gasoline processing operations. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 28.2-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = YES<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |
| 28.2-36-2 | 30 TAC Chapter 112, Sulfur Compounds | R200-1 | Sulfur Recovery Plant = The gas sweetening unit is using sulfur recovery.<br>Stack Height = Effective stack height greater than or equal to the standard effective stack height. | None |
| 28.2-36-2 | 30 TAC Chapter 111, Visible Emissions | R1111-28.2-2 | Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.<br>Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit.<br>Opacity Monitoring System = A continuous emissions monitoring system (CEMS) capable of measuring the opacity of emissions is installed in the vent in accordance with 30 TAC § 111.111(a)(1)(C).<br>Construction Date = After January 31, 1972<br>Effluent Flow Rate = Effluent flow rate is at least 100,000 actual cubic feet per minute. | None |
| 28.2-36-2 | 40 CFR Part 60, Subpart J | 60J-5 | Facility Type = Claus sulfur recovery plant with a design capacity for sulfur feed greater than 20 LTPD with reduction control systems followed by incineration.<br>Construction/Modification Date = After October 4, 1976 and on or before May 14, 2007. | None |
| 28.2-36-2 | 40 CFR Part 63, Subpart UUU | 63UUU-4 | SRU Emission Limitation = Claus SRU part of sulfur recovery plant greater than or equal to 20 long tons/day using oxidation or reduction system followed by incineration subject to 250 ppmv $SO_2$ emission limit in §60.104(a)(2).<br>SRU Bypass Line = No bypass line serving the SRU. | None |
| 28-95-300 | 30 TAC Chapter 115, Storage of VOCs | R5112-12 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons | None |
| 28-95-300 | 40 CFR Part 60, Subpart Ka | 60Ka-5 | Product Stored = Stored product other than a petroleum liquid | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 28-95-300 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 28-95-306 | 30 TAC Chapter 115, Storage of VOCs | R5112-12 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons | None |
| 28-95-306 | 40 CFR Part 60, Subpart Ka | 60Ka-5 | Product Stored = Stored product other than a petroleum liquid | None |
| 28-95-306 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 28-95-316 | 40 CFR Part 60, Subpart Ka | 60Ka-1 | Product Stored = Petroleum liquid (other than petroleum or condensate)<br>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)<br>True Vapor Pressure = TVP is less than 1.5 psia<br>Storage Vessel Description = Emission controls not required (fixed roof)<br>Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized<br>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 28-95-316 | 40 CFR Part 61, Subpart FF | 61FF-5 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Carbon adsorption system that does not regenerate the carbon bed directly in the control device<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.<br>Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced when monitoring indicates breakthrough. | None |
| 28-95-316 | 40 CFR Part 63, Subpart G | 63Gww-1 | Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>Emission Control Type = External floating roof that meets the requirements specified in 40 CFR § 63.119(c), 40 CFR § 63.120(b)(5), and 40 CFR § 63.120(b)(6)<br>New Source = The source is an existing source. | None |
| 28-95-316 | 40 CFR Part 60, Subpart QQQ | 60QQQ | Construction/Modification Date = AFTER MAY 4, 1987<br>Alternate Means of Emission Limitation = NO<br>Alternative Monitoring = NO<br>Alternative Standard = NO<br>Capacity < 38 L/s = NO<br>Capacity = DESIGN CAPACITY TO TREAT IS GREATER THAN 16 LITERS/SECOND (250 GAL/MIN) OF REFINERY WASTEWATER. | None |
| 29.1-0-0 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP Index No. = Owner/Operator assumes HRVOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device. | None |
| 29.1-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 29.1-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = YES<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |
| 29.1-36-001 | 30 TAC Chapter 117, Subchapter B | R7301-2 | Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.<br>Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).<br>Unit Type = Process heater<br>CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option<br>Maximum Rated Capacity = Maximum rated capacity is at least 200 MMBtu/hr.<br>CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1).<br>NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average<br>NOx Reduction = No $NO_x$ control method<br>Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.<br>Fuel Type #2 = Natural gas<br>NOx Monitoring System = Continuous emissions monitoring system<br>Annual Heat Input = Annual heat input is greater than $2.2(10^{11})$ Btu/yr, based on a rolling 12-month average.<br>NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) | None |
| 29.1-36-001 | 40 CFR Part 60, Subpart J | 60J-3 | Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).<br>Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.<br>Monitoring Device = An instrument is in place for continuously monitoring and recording the concentration by volume of $SO_2$ emissions into the atmosphere. | None |
| 29.2-0-0 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP Index No. = Owner/Operator assumes HRVOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device. | None |
| 29.2-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 29.2-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = YES<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |
| 29.2-36-101.1 | 30 TAC Chapter 111, Visible Emissions | R1111-29.2-1 | Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.<br>Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit.<br>Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3).<br>Construction Date = After January 31, 1972<br>Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute. | None |
| 29.2-36-CS | 30 TAC Chapter 117, Subchapter B | R7301-2 | Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.<br>Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).<br>Unit Type = Process heater<br>CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option<br>Maximum Rated Capacity = Maximum rated capacity is at least 200 MMBtu/hr.<br>CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1).<br>NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average<br>NOx Reduction = No $NO_x$ control method<br>Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.<br>Fuel Type #2 = Natural gas<br>NOx Monitoring System = Continuous emissions monitoring system<br>Annual Heat Input = Annual heat input is greater than $2.2(10^{11})$ Btu/yr, based on a rolling 12-month average.<br>NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) | None |
| 29.2-36-CS | 40 CFR Part 60, Subpart J | 60J-3 | Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).<br>Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.<br>Monitoring Device = An instrument is in place for continuously monitoring and recording the concentration by volume of $SO_2$ emissions into the atmosphere. | None |
| 29-61-1 | 30 TAC Chapter 111, Visible Emissions | R1111-29-61-1 | Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1.<br>Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.<br>Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.<br>Construction Date = Newest source routing emissions to the flare began construction after January 31, 1972. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 29-61-1 | 40 CFR Part 60, Subpart A | 60A-29-61-1 | Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18.<br>Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4).<br>Flare Assist Type = Steam-assisted<br>Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec) | None |
| 29-61-1 | 40 CFR Part 63, Subpart A | 63A-29-61-1 | Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63.<br>Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8).<br>Flare Assist Type = Steam assisted<br>Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec) | None |
| 29-61-1 | 40 CFR Part 60, Subpart Ja | 60Ja-1 | Facility Type = Flare that is used for fuel gas combustion that does NOT meet requirements in § 60.107a(a)(3).<br>Construction/Modification Date = After May 14, 2007 and on or before June 24, 2008.<br>Sulfur Emission Limit = Owner or operator is choosing $SO_2$ limit in terms of ppmv $SO_2$ emitted. | None |
| 29-95-001 | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 29-95-001 | 40 CFR Part 60, Subpart Kb | 60Kb-03 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia | None |
| 29-95-439 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 29-95-439 | 40 CFR Part 60, Subpart Kb | 60Kb-04 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia<br>Storage Vessel Description = Fixed roof with an internal floating roof using two seals mounted one above the other to form a continuous closure | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 29-95-439 | 40 CFR Part 63, Subpart CC | 63CC-5 | Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition<br>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia<br>Storage Vessel Description = Fixed roof with an internal floating roof using two seals mounted one above the other to form a continuous closure | None |
| 3-0-0 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP Index No. = Owner/Operator assumes HRVOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device. | None |
| 3-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |
| 3-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = YES<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |
| 30-0-0 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP Index No. = Owner/Operator assumes HRVOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device. | None |
| 30-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |
| 30-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = NO<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 30-32-21 | 30 TAC Chapter 117, Subchapter B | R7201-1 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Petroleum-based diesel fuel | None |
| 30-32-21 | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-1 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp less than 100 hp.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).<br>Stationary RICE Type = Compression ignition engine | None |
| 30-36-1 | 30 TAC Chapter 117, Subchapter B | R7301-1 | Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.<br>Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).<br>Unit Type = Process heater<br>CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option<br>Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr.<br>CO Monitoring System = Predictive emission monitoring system complying with 30 TAC § 117.8100(b).<br>NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average<br>NOx Reduction = No $NO_x$ control method<br>Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.<br>Fuel Type #2 = Natural gas<br>NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000]<br>Annual Heat Input = Annual heat input is greater than $2.8(10^{11})$ Btu/yr, based on a rolling 12-month average.<br>NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) | None |
| 30-36-1 | 40 CFR Part 60, Subpart J | 60J-3 | Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).<br>Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.<br>Monitoring Device = An instrument is in place for continuously monitoring and recording the concentration by volume of $SO_2$ emissions into the atmosphere. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 3-36-4 | 30 TAC Chapter 117, Subchapter B | R7301-1 | Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.<br>Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).<br>Unit Type = Process heater<br>CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option<br>Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr.<br>CO Monitoring System = Predictive emission monitoring system complying with 30 TAC § 117.8100(b).<br>NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average<br>NOx Reduction = No $NO_x$ control method<br>Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.<br>Fuel Type #2 = Natural gas<br>NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000]<br>Annual Heat Input = Annual heat input is greater than $2.8(10^{11})$ Btu/yr, based on a rolling 12-month average.<br>NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) | None |
| 3-36-4 | 30 TAC Chapter 111, Visible Emissions | R1111 | Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.<br>Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit.<br>Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3).<br>Construction Date = On or before January 31, 1972<br>Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute. | None |
| 3-36-4 | 40 CFR Part 60, Subpart J | 60J-1 | Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).<br>Construction/Modification Date = On or before June 11, 1973. | None |
| 35-0-0 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP Index No. = Owner/Operator assumes HRVOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device. | None |
| 35-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 35-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = YES<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |
| 35-36-1 | 30 TAC Chapter 117, Subchapter B | R7301-2 | Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.<br>Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).<br>Unit Type = Process heater<br>CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option<br>Maximum Rated Capacity = Maximum rated capacity is at least 200 MMBtu/hr.<br>CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1).<br>NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average<br>NOx Reduction = No $NO_x$ control method<br>Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.<br>Fuel Type #2 = Natural gas<br>NOx Monitoring System = Continuous emissions monitoring system<br>Annual Heat Input = Annual heat input is greater than $2.2(10^{11})$ Btu/yr, based on a rolling 12-month average.<br>NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) | None |
| 35-36-1 | 40 CFR Part 60, Subpart J | 60J-3 | Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).<br>Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.<br>Monitoring Device = An instrument is in place for continuously monitoring and recording the concentration by volume of $SO_2$ emissions into the atmosphere. | None |
| 35-95-102 | 30 TAC Chapter 115, Vent Gas Controls | R5121-35-102 | Alternate Control Requirement = Alternate control is not used.<br>Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.<br>Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).<br>VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 35-95-102 | 40 CFR Part 63, Subpart UUU | 63UUU-3 | CRU HCl Emission Limitation = Existing cyclic or continuous CRU reducing uncontrolled emissions of HCl by 97% by weight or to a concentration of 10 ppmv.<br>CRU HCl Control Device = Wet Scrubber.<br>Wet/Internal Scrubber Alt Monitoring = Using the alternative pH procedure in §63.1573(b)(1).<br>Wet Scrubber Alt Gas Flow Rate = Not using the alternative procedure to determine the gas flow rate in §63.1573(a)(1).<br>CRU Bypass Line = No bypass line serving the SRU. | None |
| 38-0-0 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP Index No. = Owner/Operator assumes HRVOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device. | None |
| 38-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |
| 38-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = YES<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |
| 38-36-251 | 30 TAC Chapter 117, Subchapter B | R7301-1 | Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.<br>Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).<br>Unit Type = Process heater<br>CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option<br>Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr.<br>CO Monitoring System = Predictive emission monitoring system complying with 30 TAC § 117.8100(b).<br>NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average<br>NOx Reduction = No $NO_x$ control method<br>Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.<br>Fuel Type #2 = Natural gas<br>NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000]<br>Annual Heat Input = Annual heat input is greater than $2.8(10^{11})$ Btu/yr, based on a rolling 12-month average.<br>NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 38-36-252 | 30 TAC Chapter 117, Subchapter B | R7301-1 | Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.<br>Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).<br>Unit Type = Process heater<br>CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option<br>Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr.<br>CO Monitoring System = Predictive emission monitoring system complying with 30 TAC § 117.8100(b).<br>NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average<br>NOx Reduction = No $NO_x$ control method<br>Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.<br>Fuel Type #2 = Natural gas<br>NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000]<br>Annual Heat Input = Annual heat input is greater than $2.8(10^{11})$ Btu/yr, based on a rolling 12-month average.<br>NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) | None |
| 39.1-95-118 | 30 TAC Chapter 112, Sulfur Compounds | R200-1 | Sulfur Recovery Plant = The gas sweetening unit is using sulfur recovery.<br>Stack Height = Effective stack height greater than or equal to the standard effective stack height. | None |
| 39.1-95-118 | 40 CFR Part 60, Subpart J | 60J-1 | Facility Type = Claus sulfur recovery plant with a design capacity for sulfur feed greater than 20 LTPD with reduction control systems followed by incineration.<br>Construction/Modification Date = After October 4, 1976 and on or before May 14, 2007 | None |
| 39.1-95-118 | 40 CFR Part 63, Subpart UUU | 63UUU-4 | SRU Emission Limitation = Claus SRU part of sulfur recovery plant greater than or equal to 20 long tons/day using oxidation or reduction system followed by incineration subject to 250 ppmv $SO_2$ emission limit in §60.104(a)(2).<br>SRU Bypass Line = No bypass line serving the SRU. | None |
| 3-95-3 | 30 TAC Chapter 111, Nonagricultural Processes | R1151 | Effective Stack Height = The effective stack height as calculated in the equation specified by 30 TAC §111.151(c) is not less than the standard effective stack height as determined by Table 2 specified in 30 TAC §111.151(b). | None |
| 3-95-3 | 30 TAC Chapter 111, Visible Emissions | R1111-3-95-3 | Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.<br>Vent Source = The source of the vent is a catalyst regenerator for a fluid bed catalytic cracking unit.<br>Opacity Monitoring System = A continuous emissions monitoring system (CEMS) capable of measuring the opacity of emissions is installed in the vent in accordance with 30 TAC § 111.111(a)(1)(C).<br>Total Feed Capacity = Total feed capacity is greater than 20,000 barrels per day.<br>Construction Date = On or before January 31, 1972<br>Effluent Flow Rate = Effluent flow rate is at least 100,000 actual cubic feet per minute. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 3-95-3 | 30 TAC Chapter 115, Vent Gas Controls | R5121-3-95-3 | Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule.<br>Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg).<br>VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected. | None |
| 3-95-3 | 40 CFR Part 60, Subpart J | 60J-1 | Facility Type = FCCU catalyst regenerator located at a petroleum refinery.<br>Construction/Modification Date = After January 17, 1984 and on or before May 14, 2007.<br>Contact Material = The FCCU catalyst regenerator does not have contact material that reacts with petroleum derivatives to improve feedstock quality in which the contact material is regenerated by burning off coke and/or other deposits.<br>Sulfur Content = The FCCU uses an add-on control device to control SO2 emissions.<br>Discharged Gases = Gases discharged by the FCCU catalyst regenerator do not pass through an incinerator or waste heat boiler in which auxiliary or supplemental liquid or solid fossil fuel is burned.<br>CO Monitoring = It has not been demonstrated to the Administrator that the average CO emissions are less than 50 ppm (dry basis). | Deleted Monitoring/Testing citation §60.105(a)(1), Recordkeeping citation §60.105(a)(1), and Reporting citation §60.105(e)(1) which all relate to COMS and opacity. An AMP was approved by EPA that allows for monitoring wet scrubber parameters in lieu of a COMS. |
| 3-95-3 | 40 CFR Part 63, Subpart UUU | 63UUU-1 | CCU CO Emission Limitation = CCU subject to the NSPS for CO in 40 CFR § 60.103 or electing to comply with the NSPS requirements (Option 1).<br>CCU PM/Opacity Emission Limitation = CCU not subject to NSPS for PM in 40 CFR §60.102 and electing to comply with the Ni lb/hr emission limit (Option 3) - Nickel emissions not to exceed 13,000 mg/hr (0.029 lb/hr).<br>CCU PM Control Device = Electrostatic Precipitator serving CCU over 20,000 barrels/day fresh feed capacity.<br>CCU CO Monitoring Method = Continuous Emissions Monitoring System for measuring CO concentration.<br>CCU PM Monitoring Method = Continuous Parameter Monitoring System for measuring gas flow rate, voltage, and secondary current.<br>CCU Bypass Line = No bypass line serving the catalytic cracking unit.<br>Alternate Method for Measuring Gas Flow Rate = Not using an alternate method for measuring gas flow rate as listed in §63.1573(a)(1). | None |
| 4-0-0 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP Index No. = Owner/Operator assumes HRVOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device. | None |
| 4-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |
| 4-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = YES<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 5-0-0 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP Index No. = Owner/Operator assumes HRVOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device. | None |
| 5-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |
| 5-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = YES<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |
| 54-22-11 | 40 CFR Part 63, Subpart CC | 63CC-CT1 | Existing Source = The heat exchange system is at an existing source.<br>Alternatives = The owner or operator is using the continuous operating parameters monitoring and recordkeeping provisions listed in § 63.655(i). | None |
| 54-22-2 | 40 CFR Part 63, Subpart CC | 63CC-CT1 | Existing Source = The heat exchange system is at an existing source.<br>Alternatives = The owner or operator is using the continuous operating parameters monitoring and recordkeeping provisions listed in § 63.655(i). | None |
| 54-22-20 | 40 CFR Part 63, Subpart CC | 63CC-CT1 | Existing Source = The heat exchange system is at an existing source.<br>Alternatives = The owner or operator is using the continuous operating parameters monitoring and recordkeeping provisions listed in § 63.655(i). | None |
| 54-22-21 | 40 CFR Part 63, Subpart CC | 63CC-CT1 | Existing Source = The heat exchange system is at an existing source.<br>Alternatives = The owner or operator is using the continuous operating parameters monitoring and recordkeeping provisions listed in § 63.655(i). | None |
| 54-22-8 | 40 CFR Part 63, Subpart CC | 63CC-CT1 | Existing Source = The heat exchange system is at an existing source.<br>Alternatives = The owner or operator is using the continuous operating parameters monitoring and recordkeeping provisions listed in § 63.655(i). | None |
| 56-0-000 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP Index No. = Owner/Operator assumes HRVOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device. | None |
| 56-0-000 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-0-000 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = YES<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |
| 56-0-001 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP Index No. = Owner/Operator assumes HRVOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device. | None |
| 56-0-001 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |
| 56-0-001 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = YES<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |
| 56-32-149 | 30 TAC Chapter 117, Subchapter B | R7301 | Horsepower Rating = GOP 150- hp<br>Functionally Identical Replacement = Unit is not a functionally identical replacement<br>Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Dual-fuel where at least one of the fuels is a fossil fuel | None |
| 56-32-67 | 30 TAC Chapter 117, Subchapter B | R7201-1 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Petroleum-based diesel fuel | None |
| 56-32-67 | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-2 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than 500.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). | None |
| 56-32-67A | 30 TAC Chapter 117, Subchapter B | R7201-1 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Petroleum-based diesel fuel | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-32-67A | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-2 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than 500.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). | None |
| 56-32-67B | 30 TAC Chapter 117, Subchapter B | R7201-2 | Fuel Flow Monitoring = Unit is a diesel engine operating with a run time meter and using monthly fuel use records maintained for each engine per 30 TAC §§ 117.140(a)(2)(C), 117.340(a)(2)(C) or 117.440(a)(2)(C).<br>NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(9)<br>CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 3 g/hp-hr option<br>CO Averaging Method = Complying with the applicable emission limit using a 30-day rolling average.<br>CO Monitoring System = Emissions monitored by means other than a CEMS or PEMS.<br>EGF System Cap Unit = Engine is not used as an electric generating facility to generate electricity for sale to the electric grid.<br>Type of Service = SRIC engine not meeting an exemption<br>Fuel Fired = Petroleum-based diesel fuel<br>NOx Averaging Method = Complying with the applicable emission limit using a block one-hour average.<br>Engine Type = Lean-burn<br>NOx Reduction = None<br>ESAD Date Placed in Service = Installed, modified, reconstructed or relocated on or after October 1, 2007.<br>NOx Monitoring System = Maximum emission rate testing in accordance with 30 TAC § 117.8000<br>Diesel HP Rating = Horsepower rating is 600 hp or greater, but less than 750 hp. | None |
| 56-32-67B | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-5 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than 500.<br>Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). | None |
| 56-32-69 | 30 TAC Chapter 117, Subchapter B | R7201-1 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Petroleum-based diesel fuel | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-32-69 | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-4 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than or equal to 250 hp and less than 300 hp.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).<br>Stationary RICE Type = Compression ignition engine | None |
| 56-32-69A | 30 TAC Chapter 117, Subchapter B | R7201-1 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Petroleum-based diesel fuel | None |
| 56-32-69A | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-4 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than or equal to 250 hp and less than 300 hp.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).<br>Stationary RICE Type = Compression ignition engine | None |
| 56-32-69B | 30 TAC Chapter 117, Subchapter B | R7201-1 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Petroleum-based diesel fuel | None |
| 56-32-69B | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-4 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than or equal to 250 hp and less than 300 hp.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).<br>Stationary RICE Type = Compression ignition engine | None |
| 56-32-93 | 30 TAC Chapter 117, Subchapter B | R7201-1 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Petroleum-based diesel fuel | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-32-93 | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-4 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than or equal to 250 hp and less than 300 hp.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).<br>Stationary RICE Type = Compression ignition engine | None |
| 56-32-93A | 30 TAC Chapter 117, Subchapter B | R7201-1 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Petroleum-based diesel fuel | None |
| 56-32-93A | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-4 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than or equal to 250 hp and less than 300 hp.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).<br>Stationary RICE Type = Compression ignition engine | None |
| 56-32-93B | 30 TAC Chapter 117, Subchapter B | R7201-1 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Petroleum-based diesel fuel | None |
| 56-32-93B | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-4 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than or equal to 250 hp and less than 300 hp.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).<br>Stationary RICE Type = Compression ignition engine | None |
| 56-32-93C | 30 TAC Chapter 117, Subchapter B | R7201-1 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Petroleum-based diesel fuel | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-32-93C | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-4 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than or equal to 250 hp and less than 300 hp.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).<br>Stationary RICE Type = Compression ignition engine | None |
| 56-35-002 | 40 CFR Part 60, Subpart Ka | 60Ka-5 | Product Stored = Stored product other than a petroleum liquid | None |
| 56-35-002 | 40 CFR Part 61, Subpart FF | 61FF-1 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-35-002 | 40 CFR Part 61, Subpart FF | 61FF-2 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |
| 56-35-002 | 40 CFR Part 63, Subpart G | 63Gww-2 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-35-002 | 40 CFR Part 63, Subpart G | 63Gww-3 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |
| 56-35-002A | 40 CFR Part 60, Subpart Ka | 60Ka-5 | Product Stored = Stored product other than a petroleum liquid | None |
| 56-35-002A | 40 CFR Part 61, Subpart FF | 61FF-1 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-35-002A | 40 CFR Part 61, Subpart FF | 61FF-2 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |
| 56-35-002A | 40 CFR Part 63, Subpart G | 63Gww-2 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-35-002A | 40 CFR Part 63, Subpart G | 63Gww-3 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |
| 56-35-002B | 40 CFR Part 60, Subpart Ka | 60Ka-5 | Product Stored = Stored product other than a petroleum liquid | None |
| 56-35-002B | 40 CFR Part 61, Subpart FF | 61FF-1 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-35-002B | 40 CFR Part 61, Subpart FF | 61FF-2 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |
| 56-35-002B | 40 CFR Part 63, Subpart G | 63Gww-2 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-35-002B | 40 CFR Part 63, Subpart G | 63Gww-3 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |
| 56-35-005 | 40 CFR Part 63, Subpart G | 63G-1 | Alternate Monitoring Parameters: = COMPLYING WITH THE MONITORING REQUIREMENTS OF SUBPART G<br>Negative Pressure = FIXED ROOF AND CLOSED-VENT SYSTEM ARE NOT OPERATED AND MAINTAINED UNDER NEGATIVE PRESSURE<br>Process Wastewater = OIL-WATER SEPARATOR RECEIVES, MANAGES, OR TREATS PROCESS WASTEWATER STREAMS AS DEFINED IN TITLE 40 CFR PART 63, SUBPART F<br>Closed Vent System = CLOSED VENT SYSTEM IS SUBJECT TO AND COMPLYING WITH § 63.148<br>New Source = FACILITY IS A EXISTING SOURCE AS DEFINED IN MACT G<br>Bypass Lines = NO BYPASS LINE<br>Combination of Control Devices = VENT STREAM IS NOT TREATED USING A COMBINATION OF CONTROL DEVICES<br>Oil-Water Separator Type = FIXED ROOF AND A CLOSED-VENT SYSTEM THAT ROUTES THE ORGANIC HAZARDOUS AIR POLLUTANT VAPORS VENTED FROM THE OIL-WATER SEPARATOR TO A CONTROL DEVICE<br>Control Device Type = THERMAL VAPOR INCINERATOR<br>Monitoring Options = CONTROL DEVICE IS USING THE MONITORING PARAMETERS SPECIFIED IN TABLE 13<br>Continuous Monitoring = COMPLYING WITH THE CONTINUOUS MONITORING REQUIREMENTS OF § 63.143(E)(1) OR § 63.143(E)(2) IN TABLE 13 | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-35-005A | 40 CFR Part 63, Subpart G | 63G-1 | Alternate Monitoring Parameters: = COMPLYING WITH THE MONITORING REQUIREMENTS OF SUBPART G<br>Negative Pressure = FIXED ROOF AND CLOSED-VENT SYSTEM ARE NOT OPERATED AND MAINTAINED UNDER NEGATIVE PRESSURE<br>Process Wastewater = OIL-WATER SEPARATOR RECEIVES, MANAGES, OR TREATS PROCESS WASTEWATER STREAMS AS DEFINED IN TITLE 40 CFR PART 63, SUBPART F<br>Closed Vent System = CLOSED VENT SYSTEM IS SUBJECT TO AND COMPLYING WITH § 63.148<br>New Source = FACILITY IS A EXISTING SOURCE AS DEFINED IN MACT G<br>Bypass Lines = NO BYPASS LINE<br>Combination of Control Devices = VENT STREAM IS NOT TREATED USING A COMBINATION OF CONTROL DEVICES<br>Oil-Water Separator Type = FIXED ROOF AND A CLOSED-VENT SYSTEM THAT ROUTES THE ORGANIC HAZARDOUS AIR POLLUTANT VAPORS VENTED FROM THE OIL-WATER SEPARATOR TO A CONTROL DEVICE<br>Control Device Type = THERMAL VAPOR INCINERATOR<br>Monitoring Options = CONTROL DEVICE IS USING THE MONITORING PARAMETERS SPECIFIED IN TABLE 13<br>Continuous Monitoring = COMPLYING WITH THE CONTINUOUS MONITORING REQUIREMENTS OF § 63.143(E)(1) OR § 63.143(E)(2) IN TABLE 13 | None |
| 56-35-005B | 40 CFR Part 63, Subpart G | 63G-1 | Alternate Monitoring Parameters: = COMPLYING WITH THE MONITORING REQUIREMENTS OF SUBPART G<br>Negative Pressure = FIXED ROOF AND CLOSED-VENT SYSTEM ARE NOT OPERATED AND MAINTAINED UNDER NEGATIVE PRESSURE<br>Process Wastewater = OIL-WATER SEPARATOR RECEIVES, MANAGES, OR TREATS PROCESS WASTEWATER STREAMS AS DEFINED IN TITLE 40 CFR PART 63, SUBPART F<br>Closed Vent System = CLOSED VENT SYSTEM IS SUBJECT TO AND COMPLYING WITH § 63.148<br>New Source = FACILITY IS A EXISTING SOURCE AS DEFINED IN MACT G<br>Bypass Lines = NO BYPASS LINE<br>Combination of Control Devices = VENT STREAM IS NOT TREATED USING A COMBINATION OF CONTROL DEVICES<br>Oil-Water Separator Type = FIXED ROOF AND A CLOSED-VENT SYSTEM THAT ROUTES THE ORGANIC HAZARDOUS AIR POLLUTANT VAPORS VENTED FROM THE OIL-WATER SEPARATOR TO A CONTROL DEVICE<br>Control Device Type = THERMAL VAPOR INCINERATOR<br>Monitoring Options = CONTROL DEVICE IS USING THE MONITORING PARAMETERS SPECIFIED IN TABLE 13<br>Continuous Monitoring = COMPLYING WITH THE CONTINUOUS MONITORING REQUIREMENTS OF § 63.143(E)(1) OR § 63.143(E)(2) IN TABLE 13 | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-35-96 | 40 CFR Part 63, Subpart G | 63G-1 | Alternate Monitoring Parameters: = COMPLYING WITH THE MONITORING REQUIREMENTS OF SUBPART G<br>Negative Pressure = FIXED ROOF AND CLOSED-VENT SYSTEM ARE NOT OPERATED AND MAINTAINED UNDER NEGATIVE PRESSURE<br>Process Wastewater = OIL-WATER SEPARATOR RECEIVES, MANAGES, OR TREATS PROCESS WASTEWATER STREAMS AS DEFINED IN TITLE 40 CFR PART 63, SUBPART F<br>Closed Vent System = CLOSED VENT SYSTEM IS SUBJECT TO AND COMPLYING WITH § 63.148<br>New Source = FACILITY IS A EXISTING SOURCE AS DEFINED IN MACT G<br>Bypass Lines = NO BYPASS LINE<br>Combination of Control Devices = VENT STREAM IS NOT TREATED USING A COMBINATION OF CONTROL DEVICES<br>Oil-Water Separator Type = FIXED ROOF AND A CLOSED-VENT SYSTEM THAT ROUTES THE ORGANIC HAZARDOUS AIR POLLUTANT VAPORS VENTED FROM THE OIL-WATER SEPARATOR TO A CONTROL DEVICE<br>Control Device Type = THERMAL VAPOR INCINERATOR<br>Monitoring Options = CONTROL DEVICE IS USING THE MONITORING PARAMETERS SPECIFIED IN TABLE 13<br>Continuous Monitoring = COMPLYING WITH THE CONTINUOUS MONITORING REQUIREMENTS OF § 63.143(E)(1) OR § 63.143(E)(2) IN TABLE 13 | None |
| 56-35-97 | 40 CFR Part 63, Subpart G | 63G-1 | Alternate Monitoring Parameters: = COMPLYING WITH THE MONITORING REQUIREMENTS OF SUBPART G<br>Negative Pressure = FIXED ROOF AND CLOSED-VENT SYSTEM ARE NOT OPERATED AND MAINTAINED UNDER NEGATIVE PRESSURE<br>Process Wastewater = OIL-WATER SEPARATOR RECEIVES, MANAGES, OR TREATS PROCESS WASTEWATER STREAMS AS DEFINED IN TITLE 40 CFR PART 63, SUBPART F<br>Closed Vent System = CLOSED VENT SYSTEM IS SUBJECT TO AND COMPLYING WITH § 63.148<br>New Source = FACILITY IS A EXISTING SOURCE AS DEFINED IN MACT G<br>Bypass Lines = NO BYPASS LINE<br>Combination of Control Devices = VENT STREAM IS NOT TREATED USING A COMBINATION OF CONTROL DEVICES<br>Oil-Water Separator Type = FIXED ROOF AND A CLOSED-VENT SYSTEM THAT ROUTES THE ORGANIC HAZARDOUS AIR POLLUTANT VAPORS VENTED FROM THE OIL-WATER SEPARATOR TO A CONTROL DEVICE<br>Control Device Type = THERMAL VAPOR INCINERATOR<br>Monitoring Options = CONTROL DEVICE IS USING THE MONITORING PARAMETERS SPECIFIED IN TABLE 13<br>Continuous Monitoring = COMPLYING WITH THE CONTINUOUS MONITORING REQUIREMENTS OF § 63.143(E)(1) OR § 63.143(E)(2) IN TABLE 13 | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-35-98 | 40 CFR Part 63, Subpart G | 63G-1 | Alternate Monitoring Parameters: = COMPLYING WITH THE MONITORING REQUIREMENTS OF SUBPART G<br>Negative Pressure = FIXED ROOF AND CLOSED-VENT SYSTEM ARE NOT OPERATED AND MAINTAINED UNDER NEGATIVE PRESSURE<br>Process Wastewater = OIL-WATER SEPARATOR RECEIVES, MANAGES, OR TREATS PROCESS WASTEWATER STREAMS AS DEFINED IN TITLE 40 CFR PART 63, SUBPART F<br>Closed Vent System = CLOSED VENT SYSTEM IS SUBJECT TO AND COMPLYING WITH § 63.148<br>New Source = FACILITY IS A EXISTING SOURCE AS DEFINED IN MACT G<br>Bypass Lines = NO BYPASS LINE<br>Combination of Control Devices = VENT STREAM IS NOT TREATED USING A COMBINATION OF CONTROL DEVICES<br>Oil-Water Separator Type = FIXED ROOF AND A CLOSED-VENT SYSTEM THAT ROUTES THE ORGANIC HAZARDOUS AIR POLLUTANT VAPORS VENTED FROM THE OIL-WATER SEPARATOR TO A CONTROL DEVICE<br>Control Device Type = THERMAL VAPOR INCINERATOR<br>Monitoring Options = CONTROL DEVICE IS USING THE MONITORING PARAMETERS SPECIFIED IN TABLE 13<br>Continuous Monitoring = COMPLYING WITH THE CONTINUOUS MONITORING REQUIREMENTS OF § 63.143(E)(1) OR § 63.143(E)(2) IN TABLE 13 | None |
| 56-61-1 | 30 TAC Chapter 111, Visible Emissions | R1111-56-61-1 | Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1.<br>Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.<br>Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.<br>Construction Date = Newest source routing emissions to the flare began construction after January 31, 1972. | None |
| 56-61-1 | 40 CFR Part 60, Subpart A | 60A-56-61-1 | Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18.<br>Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4).<br>Flare Assist Type = Steam-assisted<br>Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec) | None |
| 56-61-1 | 40 CFR Part 63, Subpart A | 63A-56-61-1 | Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63.<br>Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8).<br>Flare Assist Type = Steam assisted<br>Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec) | None |
| 56-61-1 | 40 CFR Part 60, Subpart J | 60J-6 | Facility Type = Flare that is used for fuel gas combustion located at a petroleum refinery that meets the requirements in §§ 60.105(a)(4)(iv) or 60.105(b) [inherently low in sulfur content].<br>Low Sulfur = Fuel gas stream that is intolerant to sulfur contamination.<br>Construction/Modification Date = After June 11, 1973 and on or before June 24, 2008. | None |
| 56-61-11 | 30 TAC Chapter 111, Visible Emissions | R1111-56-61-11 | Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1.<br>Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.<br>Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.<br>Construction Date = Newest source routing emissions to the flare began construction after January 31, 1972. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-61-11 | 40 CFR Part 60, Subpart A | 60A | Subject to 40 CFR § 60.18 = Flare is not subject to 40 CFR § 60.18. | None |
| 56-61-11 | 40 CFR Part 63, Subpart A | 63A-56-61-11 | Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63.<br>Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8).<br>Flare Assist Type = Steam assisted<br>Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec) | None |
| 56-61-11 | 40 CFR Part 60, Subpart Ja | 60Ja-1 | Facility Type = Flare that is used for fuel gas combustion that does NOT meet requirements in § 60.107a(a)(3).<br>Construction/Modification Date = After May 14, 2007 and on or before June 24, 2008.<br>Sulfur Emission Limit = Owner or operator is choosing $SO_2$ limit in terms of ppmv $SO_2$ emitted. | None |
| 56-61-152 | 30 TAC Chapter 111, Incineration | R1121-1 | Waste Type = Waste other than municipal, commercial, industrial, or domestic solid waste as defined in 30 TAC § 101.1, or hazardous waste as specified in 30 TAC § 111.124 | None |
| 56-61-152 | 30 TAC Chapter 117, Subchapter B | R-7201-5 | Maximum Rated Capacity = MRC is less than 40 MMBtu/hr | None |
| 56-61-16 | 30 TAC Chapter 111, Visible Emissions | R1111-56-61-16 | Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1.<br>Emergency/Upset Conditions Only = Flare is used only under emergency or upset conditions.<br>Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.<br>Construction Date = Newest source routing emissions to the flare began construction after January 31, 1972. | None |
| 56-61-16 | 40 CFR Part 60, Subpart A | 60A-56-61-16 | Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18.<br>Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4).<br>Flare Assist Type = Air-assisted | None |
| 56-61-16 | 40 CFR Part 63, Subpart A | 63A-56-61-16 | Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63.<br>Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8).<br>Flare Assist Type = Air assisted | None |
| 56-61-16 | 40 CFR Part 60, Subpart Ja | 60Ja-1 | Facility Type = Flare that is used for fuel gas combustion that does NOT meet requirements in § 60.107a(a)(3).<br>Construction/Modification Date = After May 14, 2007 and on or before June 24, 2008.<br>Sulfur Emission Limit = Owner or operator is choosing $SO_2$ limit in terms of ppmv $SO_2$ emitted. | None |
| 56-61-17 | 30 TAC Chapter 111, Visible Emissions | R1111-56-61-17 | Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1.<br>Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.<br>Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.<br>Construction Date = Newest source routing emissions to the flare began construction after January 31, 1972. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-61-17 | 40 CFR Part 60, Subpart A | 60A-56-61-17 | Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18.<br>Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4).<br>Flare Assist Type = Air-assisted | None |
| 56-61-17 | 40 CFR Part 63, Subpart A | 63A-56-61-17 | Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63.<br>Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8).<br>Flare Assist Type = Air assisted | None |
| 56-61-17 | 40 CFR Part 60, Subpart Ja | 60Ja-1 | Facility Type = Flare that is used for fuel gas combustion that does NOT meet requirements in § 60.107a(a)(3).<br>Construction/Modification Date = After May 14, 2007 and on or before June 24, 2008.<br>Sulfur Emission Limit = Owner or operator is choosing $SO_2$ limit in terms of ppmv $SO_2$ emitted. | None |
| 56-61-19 | 30 TAC Chapter 111, Visible Emissions | R1111-56-61-19 | Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1.<br>Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.<br>Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.<br>Construction Date = Newest source routing emissions to the flare began construction after January 31, 1972. | None |
| 56-61-19 | 40 CFR Part 60, Subpart A | 60A-56-61-19 | Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18.<br>Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4).<br>Flare Assist Type = Steam-assisted<br>Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec) | None |
| 56-61-19 | 40 CFR Part 63, Subpart A | 63A-56-61-19 | Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63.<br>Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8).<br>Flare Assist Type = Steam assisted<br>Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec) | None |
| 56-61-19 | 40 CFR Part 60, Subpart Ja | 60Ja-1 | Facility Type = Flare that is used for fuel gas combustion that does NOT meet requirements in § 60.107a(a)(3).<br>Construction/Modification Date = After May 14, 2007 and on or before June 24, 2008.<br>Sulfur Emission Limit = Owner or operator is choosing $SO_2$ limit in terms of ppmv $SO_2$ emitted. | None |
| 56-61-23 | 30 TAC Chapter 111, Visible Emissions | R1111-56-61-23 | Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1.<br>Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.<br>Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.<br>Construction Date = Newest source routing emissions to the flare began construction after January 31, 1972. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-61-23 | 40 CFR Part 60, Subpart A | 60A-56-61-23 | Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18.<br>Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4).<br>Flare Assist Type = Steam-assisted<br>Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec) | None |
| 56-61-23 | 40 CFR Part 63, Subpart A | 63A-56-61-23 | Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63.<br>Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8).<br>Flare Assist Type = Steam assisted<br>Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec) | None |
| 56-61-23 | 40 CFR Part 60, Subpart J | 60J-6 | Facility Type = Flare that is used for fuel gas combustion located at a petroleum refinery that meets the requirements in §§ 60.105(a)(4)(iv) or 60.105(b) [inherently low in sulfur content].<br>Low Sulfur = Fuel gas stream that is intolerant to sulfur contamination.<br>Construction/Modification Date = After June 11, 1973 and on or before June 24, 2008. | None |
| 56-67-149 | 30 TAC Chapter 117, Subchapter B | R7201-1 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Petroleum-based diesel fuel | None |
| 56-67-149 | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-1 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp less than 100 hp.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).<br>Stationary RICE Type = Compression ignition engine | None |
| 56-67-209 | 30 TAC Chapter 117, Subchapter B | R7201-1 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Petroleum-based diesel fuel | None |
| 56-67-209 | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-3 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than or equal to 300 hp and less than or equal to 500 hp.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).<br>Stationary RICE Type = Compression ignition engine | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-100 | 40 CFR Part 60, Subpart Kb | 60Kb-05 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia<br>Storage Vessel Description = CVS and control device other than a flare (fixed roof) | None |
| 56-95-100 | 40 CFR Part 60, Subpart Kb | 60Kb-06 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia<br>Storage Vessel Description = CVS and control device other than a flare (fixed roof) | None |
| 56-95-100 | 40 CFR Part 61, Subpart FF | 61FF-1 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-100 | 40 CFR Part 61, Subpart FF | 61FF-2 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |
| 56-95-100 | 40 CFR Part 63, Subpart G | 63Gww-2 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-100 | 40 CFR Part 63, Subpart G | 63Gww-3 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |
| 56-95-249 | 40 CFR Part 60, Subpart Kb | 60Kb-07 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia<br>Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal | None |
| 56-95-249 | 40 CFR Part 61, Subpart FF | 61FF-4 | Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351.<br>Kb Tank Type = Using an external floating roof that meets the requirements of 40 CFR § 60.112b(a)(2)<br>Seal Type = Mechanical shoe primary seal | None |
| 56-95-249 | 40 CFR Part 63, Subpart G | 63Gww-1 | Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>Emission Control Type = External floating roof that meets the requirements specified in 40 CFR § 63.119(c), 40 CFR § 63.120(b)(5), and 40 CFR § 63.120(b)(6)<br>New Source = The source is an existing source. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-257 | 40 CFR Part 60, Subpart Kb | 60Kb-07 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia<br>Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal | None |
| 56-95-257 | 40 CFR Part 61, Subpart FF | 61FF-4 | Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351.<br>Kb Tank Type = Using an external floating roof that meets the requirements of 40 CFR § 60.112b(a)(2)<br>Seal Type = Mechanical shoe primary seal | None |
| 56-95-257 | 40 CFR Part 63, Subpart G | 63Gww-1 | Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>Emission Control Type = External floating roof that meets the requirements specified in 40 CFR § 63.119(c), 40 CFR § 63.120(b)(5), and 40 CFR § 63.120(b)(6)<br>New Source = The source is an existing source. | None |
| 56-95-452 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 56-95-452 | 40 CFR Part 61, Subpart FF | 61FF-4 | Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351.<br>Kb Tank Type = Using an external floating roof that meets the requirements of 40 CFR § 60.112b(a)(2)<br>Seal Type = Mechanical shoe primary seal | None |
| 56-95-452 | 40 CFR Part 63, Subpart G | 63Gww-1 | Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>Emission Control Type = External floating roof that meets the requirements specified in 40 CFR § 63.119(c), 40 CFR § 63.120(b)(5), and 40 CFR § 63.120(b)(6)<br>New Source = The source is an existing source. | None |
| 56-95-453 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-453 | 40 CFR Part 61, Subpart FF | 61FF-1 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |
| 56-95-453 | 40 CFR Part 61, Subpart FF | 61FF-2 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-453 | 40 CFR Part 63, Subpart G | 63Gww-2 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-453 | 40 CFR Part 63, Subpart G | 63Gww-3 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |
| 56-95-454 | 40 CFR Part 60, Subpart Kb | 60Kb-01 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is less than 2.2 psia<br>Storage Vessel Description = CVS and control device other than a flare (fixed roof) | None |
| 56-95-454 | 40 CFR Part 60, Subpart Kb | 60Kb-02 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is less than 2.2 psia<br>Storage Vessel Description = CVS and control device other than a flare (fixed roof) | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-454 | 40 CFR Part 61, Subpart FF | 61FF-1 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |
| 56-95-454 | 40 CFR Part 61, Subpart FF | 61FF-2 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-454 | 40 CFR Part 63, Subpart G | 63Gww-2 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-454 | 40 CFR Part 63, Subpart G | 63Gww-3 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |
| 56-95-458 | 40 CFR Part 60, Subpart Ka | 60Ka-6 | Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less | None |
| 56-95-458 | 40 CFR Part 61, Subpart FF | 61FF-1 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-458 | 40 CFR Part 61, Subpart FF | 61FF-2 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |
| 56-95-458 | 40 CFR Part 63, Subpart G | 63Gww-2 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-458 | 40 CFR Part 63, Subpart G | 63Gww-3 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |
| 56-95-459 | 40 CFR Part 60, Subpart Ka | 60Ka-6 | Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less | None |
| 56-95-459 | 40 CFR Part 61, Subpart FF | 61FF-1 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-459 | 40 CFR Part 61, Subpart FF | 61FF-2 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |
| 56-95-459 | 40 CFR Part 63, Subpart G | 63Gww-2 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-459 | 40 CFR Part 63, Subpart G | 63Gww-3 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |
| 56-95-460 | 40 CFR Part 60, Subpart Ka | 60Ka-6 | Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less | None |
| 56-95-460 | 40 CFR Part 61, Subpart FF | 61FF-1 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-460 | 40 CFR Part 61, Subpart FF | 61FF-2 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |
| 56-95-460 | 40 CFR Part 63, Subpart G | 63Gww-2 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-460 | 40 CFR Part 63, Subpart G | 63Gww-3 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |
| 56-95-461 | 40 CFR Part 60, Subpart Ka | 60Ka-6 | Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-461 | 40 CFR Part 61, Subpart FF | 61FF-1 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |
| 56-95-461 | 40 CFR Part 61, Subpart FF | 61FF-2 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-461 | 40 CFR Part 63, Subpart G | 63Gww-2 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-461 | 40 CFR Part 63, Subpart G | 63Gww-3 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |
| 56-95-467 | 40 CFR Part 60, Subpart Kb | 60Kb-04 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia<br>Storage Vessel Description = Fixed roof with an internal floating roof using two seals mounted one above the other to form a continuous closure | None |
| 56-95-467 | 40 CFR Part 61, Subpart FF | 61FF-3 | Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351.<br>Kb Tank Type = Using a fixed roof and internal floating roof, that meets the requirements of 40 CFR § 60.112b(a)(1)<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the vessel and the edge of the internal floating roof.<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-467 | 40 CFR Part 63, Subpart G | 63Gww-3 | Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>Emission Control Type = Fixed-roof tank equipped with an internal floating roof that meets the requirements specified in 40 CFR § 63.119(b)<br>New Source = The source is an existing source. | None |
| 56-95-467A | 40 CFR Part 60, Subpart Kb | 60Kb-04 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia<br>Storage Vessel Description = Fixed roof with an internal floating roof using two seals mounted one above the other to form a continuous closure | None |
| 56-95-467A | 40 CFR Part 61, Subpart FF | 61FF-3 | Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351.<br>Kb Tank Type = Using a fixed roof and internal floating roof, that meets the requirements of 40 CFR § 60.112b(a)(1)<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the vessel and the edge of the internal floating roof.<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |
| 56-95-467A | 40 CFR Part 63, Subpart G | 63Gww-3 | Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>Emission Control Type = Fixed-roof tank equipped with an internal floating roof that meets the requirements specified in 40 CFR § 63.119(b)<br>New Source = The source is an existing source. | None |
| 56-95-56 | 40 CFR Part 60, Subpart Ka | 60Ka-5 | Product Stored = Stored product other than a petroleum liquid | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-56 | 40 CFR Part 61, Subpart FF | 61FF-1 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |
| 56-95-56 | 40 CFR Part 61, Subpart FF | 61FF-2 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-56 | 40 CFR Part 63, Subpart G | 63Gww-2 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-56 | 40 CFR Part 63, Subpart G | 63Gww-3 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |
| 56-95-68 | 40 CFR Part 60, Subpart Kb | 60Kb-09 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia<br>Storage Vessel Description = Fixed roof with an internal floating roof using two seals mounted one above the other to form a continuous closure | None |
| 56-95-68 | 40 CFR Part 61, Subpart FF | 61FF-3 | Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351.<br>Kb Tank Type = Using a fixed roof and internal floating roof, that meets the requirements of 40 CFR § 60.112b(a)(1)<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the vessel and the edge of the internal floating roof.<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-68 | 40 CFR Part 63, Subpart G | 63Gww-3 | Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>Emission Control Type = Fixed-roof tank equipped with an internal floating roof that meets the requirements specified in 40 CFR § 63.119(b)<br>New Source = The source is an existing source. | None |
| 56-95-69 | 40 CFR Part 60, Subpart Kb | 60Kb-03 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia | None |
| 56-95-69 | 40 CFR Part 60, Subpart Kb | 60Kb-05 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia<br>Storage Vessel Description = CVS and control device other than a flare (fixed roof) | None |
| 56-95-69 | 40 CFR Part 60, Subpart Kb | 60Kb-06 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia<br>Storage Vessel Description = CVS and control device other than a flare (fixed roof) | None |
| 56-95-69 | 40 CFR Part 60, Subpart Kb | 60Kb-10 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia<br>Storage Vessel Description = CVS and control device other than a flare (fixed roof) | None |
| 56-95-69 | 40 CFR Part 60, Subpart Kb | 60Kb-11 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia<br>Storage Vessel Description = CVS and control device other than a flare (fixed roof) | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-69 | 40 CFR Part 61, Subpart FF | 61FF-2 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |
| 56-95-69 | 40 CFR Part 63, Subpart G | 63Gww-2 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-69 | 40 CFR Part 63, Subpart G | 63Gww-3 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |
| 56-95-71 | 40 CFR Part 60, Subpart Kb | 60Kb-03 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia | None |
| 56-95-71 | 40 CFR Part 61, Subpart FF | 61FF-3 | Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351.<br>Kb Tank Type = Using a fixed roof and internal floating roof, that meets the requirements of 40 CFR § 60.112b(a)(1)<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the vessel and the edge of the internal floating roof.<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |
| 56-95-71 | 40 CFR Part 63, Subpart G | 63Gww-3 | Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>Emission Control Type = Fixed-roof tank equipped with an internal floating roof that meets the requirements specified in 40 CFR § 63.119(b)<br>New Source = The source is an existing source. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-72 | 40 CFR Part 60, Subpart Kb | 60Kb-03 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia | None |
| 56-95-72 | 40 CFR Part 61, Subpart FF | 61FF-3 | Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351.<br>Kb Tank Type = Using a fixed roof and internal floating roof, that meets the requirements of 40 CFR § 60.112b(a)(1)<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the vessel and the edge of the internal floating roof.<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |
| 56-95-72 | 40 CFR Part 63, Subpart G | 63Gww-3 | Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>Emission Control Type = Fixed-roof tank equipped with an internal floating roof that meets the requirements specified in 40 CFR § 63.119(b)<br>New Source = The source is an existing source. | None |
| 56-95-74 | 40 CFR Part 60, Subpart Kb | 60Kb-04 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia<br>Storage Vessel Description = Fixed roof with an internal floating roof using two seals mounted one above the other to form a continuous closure | None |
| 56-95-74 | 40 CFR Part 61, Subpart FF | 61FF-3 | Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351.<br>Kb Tank Type = Using a fixed roof and internal floating roof, that meets the requirements of 40 CFR § 60.112b(a)(1)<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the vessel and the edge of the internal floating roof.<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |
| 56-95-74 | 40 CFR Part 63, Subpart G | 63Gww-3 | Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>Emission Control Type = Fixed-roof tank equipped with an internal floating roof that meets the requirements specified in 40 CFR § 63.119(b)<br>New Source = The source is an existing source. | None |
| 56-95-75 | 40 CFR Part 60, Subpart Kb | 60Kb-08 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters) | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-75 | 40 CFR Part 61, Subpart FF | 61FF-1 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |
| 56-95-75 | 40 CFR Part 61, Subpart FF | 61FF-2 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-75 | 40 CFR Part 63, Subpart G | 63Gww-2 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-75 | 40 CFR Part 63, Subpart G | 63Gww-3 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |
| 56-95-76 | 40 CFR Part 60, Subpart Ka | 60Ka-5 | Product Stored = Stored product other than a petroleum liquid | None |
| 56-95-76 | 40 CFR Part 61, Subpart FF | 61FF-1 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-76 | 40 CFR Part 61, Subpart FF | 61FF-2 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |
| 56-95-76 | 40 CFR Part 63, Subpart G | 63Gww-2 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-76 | 40 CFR Part 63, Subpart G | 63Gww-3 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |
| 56-95-94 | 40 CFR Part 60, Subpart Kb | 60Kb-03 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia | None |
| 56-95-94 | 40 CFR Part 60, Subpart Kb | 60Kb-05 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia<br>Storage Vessel Description = CVS and control device other than a flare (fixed roof) | None |
| 56-95-94 | 40 CFR Part 60, Subpart Kb | 60Kb-06 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia<br>Storage Vessel Description = CVS and control device other than a flare (fixed roof) | None |
| 56-95-94 | 40 CFR Part 60, Subpart Kb | 60Kb-10 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia<br>Storage Vessel Description = CVS and control device other than a flare (fixed roof) | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-94 | 40 CFR Part 60, Subpart Kb | 60Kb-11 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia<br>Storage Vessel Description = CVS and control device other than a flare (fixed roof) | None |
| 56-95-94 | 40 CFR Part 61, Subpart FF | 61FF-1 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |
| 56-95-94 | 40 CFR Part 61, Subpart FF | 61FF-2 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-94 | 40 CFR Part 63, Subpart G | 63Gww-2 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-94 | 40 CFR Part 63, Subpart G | 63Gww-3 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |
| 56-95-95 | 40 CFR Part 60, Subpart Kb | 60Kb-03 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia | None |
| 56-95-95 | 40 CFR Part 60, Subpart Kb | 60Kb-05 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia<br>Storage Vessel Description = CVS and control device other than a flare (fixed roof) | None |
| 56-95-95 | 40 CFR Part 60, Subpart Kb | 60Kb-06 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia<br>Storage Vessel Description = CVS and control device other than a flare (fixed roof) | None |
| 56-95-95 | 40 CFR Part 60, Subpart Kb | 60Kb-10 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia<br>Storage Vessel Description = CVS and control device other than a flare (fixed roof) | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-95 | 40 CFR Part 60, Subpart Kb | 60Kb-11 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia<br>Storage Vessel Description = CVS and control device other than a flare (fixed roof) | None |
| 56-95-95 | 40 CFR Part 61, Subpart FF | 61FF-1 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |
| 56-95-95 | 40 CFR Part 61, Subpart FF | 61FF-2 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-95 | 40 CFR Part 63, Subpart G | 63Gww-2 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-95 | 40 CFR Part 63, Subpart G | 63Gww-3 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |
| 56-95-96 | 40 CFR Part 60, Subpart Kb | 60Kb-03 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia | None |
| 56-95-96 | 40 CFR Part 61, Subpart FF | 61FF-3 | Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351.<br>Kb Tank Type = Using a fixed roof and internal floating roof, that meets the requirements of 40 CFR § 60.112b(a)(1)<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the vessel and the edge of the internal floating roof.<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |
| 56-95-96 | 40 CFR Part 63, Subpart G | 63Gww-3 | Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>Emission Control Type = Fixed-roof tank equipped with an internal floating roof that meets the requirements specified in 40 CFR § 63.119(b)<br>New Source = The source is an existing source. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-99 | 40 CFR Part 60, Subpart Kb | 60Kb-05 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia<br>Storage Vessel Description = CVS and control device other than a flare (fixed roof) | None |
| 56-95-99 | 40 CFR Part 60, Subpart Kb | 60Kb-06 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia<br>Storage Vessel Description = CVS and control device other than a flare (fixed roof) | None |
| 56-95-99 | 40 CFR Part 61, Subpart FF | 61FF-1 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-99 | 40 CFR Part 61, Subpart FF | 61FF-2 | Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.<br>Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device.<br>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351.<br>Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system.<br>Control Device Type/Operations = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent<br>Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3).<br>Closed Vent System and Control Device AMOC = Not using an alternate means of compliance<br>Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation.<br>Alternate Monitoring Parameters = Alternate monitoring parameters not requested<br>Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. | None |
| 56-95-99 | 40 CFR Part 63, Subpart G | 63Gww-2 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-95-99 | 40 CFR Part 63, Subpart G | 63Gww-3 | Negative Pressure = The fixed roof and closed vent systems are not operated and maintained under negative pressure.<br>Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148<br>Performance Test = Performance tests are conducted using the methods and procedures specified in § 63.145(i).<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>95% Reduction Efficiency = Performance test demonstrates compliance with the 95% reduction requirement.<br>By-pass Lines = Closed vent system has no by-pass lines<br>Emission Control Type = Fixed roof tank vented through a closed vent system that routes the organic HAP vapors vented from the wastewater tank to a control device<br>Combination of Control Devices = The vent stream is treated using a single control device.<br>Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G.<br>Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13.<br>Control Device Type = Thermal vapor incinerator<br>New Source = The source is an existing source.<br>Compliance with 40 CFR 63.139(c)(1) = The enclosed combustion device being used meets the 20 ppmv concentration provisions specified in 40 CFR § 63.139(c)(1)(ii)<br>Alternate Monitoring Parameters = Alternate monitoring parameters for the control device have not been requested or approved. | None |
| 56-P-213 | 30 TAC Chapter 117, Subchapter B | R7201-1 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Petroleum-based diesel fuel | None |
| 56-P-213 | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-3 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than or equal to 300 hp and less than or equal to 500 hp.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).<br>Stationary RICE Type = Compression ignition engine | None |
| 56-P-215A | 30 TAC Chapter 117, Subchapter B | R7201-1 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Petroleum-based diesel fuel | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 56-P-215A | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-3 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than or equal to 300 hp and less than or equal to 500 hp.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).<br>Stationary RICE Type = Compression ignition engine | None |
| 56-RTO BACKUP | 30 TAC Chapter 111, Incineration | R1121-1 | Waste Type = Waste other than municipal, commercial, industrial, or domestic solid waste as defined in 30 TAC § 101.1, or hazardous waste as specified in 30 TAC § 111.124 | None |
| 56-RTO BACKUP | 30 TAC Chapter 117, Subchapter B | R-7201-5 | Maximum Rated Capacity = MRC is less than 40 MMBtu/hr | None |
| 64-31-009 | 30 TAC Chapter 117, Subchapter B | R7201-3 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Natural gas | None |
| 64-31-009 | 40 CFR Part 60, Subpart JJJJ | 60JJJJ-1 | Construction/Reconstruction/Modification Date = The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction or modification prior to June 12, 2006. | None |
| 64-31-009 | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-7 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than or equal to 100 and less than 250 hp.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).<br>Stationary RICE Type = 4 stroke spark ignited lean burn engine. | None |
| 64-31-101 | 30 TAC Chapter 117, Subchapter B | R7201-3 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Natural gas | None |
| 64-31-101 | 40 CFR Part 60, Subpart JJJJ | 60JJJJ-1 | Construction/Reconstruction/Modification Date = The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction or modification prior to June 12, 2006. | None |
| 64-31-101 | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-7 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than or equal to 100 and less than 250 hp.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).<br>Stationary RICE Type = 4 stroke spark ignited lean burn engine. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 64-31-102 | 30 TAC Chapter 117, Subchapter B | R7201-1 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Petroleum-based diesel fuel | None |
| 64-31-102 | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-1 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp less than 100 hp.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).<br>Stationary RICE Type = Compression ignition engine | None |
| 64-31-103 | 30 TAC Chapter 117, Subchapter B | R7201-3 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Natural gas | None |
| 64-31-103 | 40 CFR Part 60, Subpart JJJJ | 60JJJJ-1 | Construction/Reconstruction/Modification Date = The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction or modification prior to June 12, 2006. | None |
| 64-31-103 | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-7 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than or equal to 100 and less than 250 hp.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).<br>Stationary RICE Type = 4 stroke spark ignited lean burn engine. | None |
| 64-31-104 | 30 TAC Chapter 117, Subchapter B | R7201-1 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Petroleum-based diesel fuel | None |
| 64-31-104 | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-8 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than or equal to 100 and less than 250 hp.<br>Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.<br>Service Type = Emergency use where the RICE operates or is contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or that operates for the purpose specified in 40 CFR §63.6640(f)(4)(ii). | None |
| 66-32-98 | 30 TAC Chapter 117, Subchapter B | R7201-1 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Petroleum-based diesel fuel | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 66-32-98 | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-3 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than or equal to 300 hp and less than or equal to 500 hp.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).<br>Stationary RICE Type = Compression ignition engine | None |
| 66-67-100 | 30 TAC Chapter 117, Subchapter B | R7201-4 | Fuel Flow Monitoring = Unit is a diesel engine operating with a run time meter and using monthly fuel use records maintained for each engine per 30 TAC §§ 117.140(a)(2)(C), 117.340(a)(2)(C) or 117.440(a)(2)(C).<br>NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(9)<br>CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 3 g/hp-hr option<br>CO Averaging Method = Complying with the applicable emission limit using a 30-day rolling average.<br>CO Monitoring System = Emissions monitored by means other than a CEMS or PEMS.<br>EGF System Cap Unit = Engine is not used as an electric generating facility to generate electricity for sale to the electric grid.<br>Type of Service = SRIC engine not meeting an exemption<br>Fuel Fired = Petroleum-based diesel fuel<br>NOx Averaging Method = Complying with the applicable emission limit using a block one-hour average.<br>Engine Type = Lean-burn<br>NOx Reduction = None<br>ESAD Date Placed in Service = Installed, modified, reconstructed or relocated on or after October 1, 2007.<br>NOx Monitoring System = Maximum emission rate testing in accordance with 30 TAC § 117.8000<br>Diesel HP Rating = Horsepower rating is 300 hp or greater, but less than 600 hp. | None |
| 66-67-100 | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-9 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than or equal to 300 hp and less than or equal to 500 hp.<br>Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). | None |
| 66-67-101 | 30 TAC Chapter 117, Subchapter B | R7201-1 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Petroleum-based diesel fuel | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 66-67-101 | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-3 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than or equal to 300 hp and less than or equal to 500 hp.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).<br>Stationary RICE Type = Compression ignition engine | None |
| 66-67-102 | 30 TAC Chapter 117, Subchapter B | R7201-1 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Petroleum-based diesel fuel | None |
| 66-67-102 | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-3 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than or equal to 300 hp and less than or equal to 500 hp.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).<br>Stationary RICE Type = Compression ignition engine | None |
| 66-67-99 | 30 TAC Chapter 117, Subchapter B | R7201-1 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Petroleum-based diesel fuel | None |
| 66-67-99 | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-3 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than or equal to 300 hp and less than or equal to 500 hp.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).<br>Stationary RICE Type = Compression ignition engine | None |
| 67-32-15 | 30 TAC Chapter 117, Subchapter B | R7201-1 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Petroleum-based diesel fuel | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 67-32-15 | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-10 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than or equal to 100 and less than 250 hp.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).<br>Stationary RICE Type = Compression ignition engine | None |
| 68-0-0 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP Index No. = Owner/Operator assumes HRVOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device. | None |
| 68-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |
| 68-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = YES<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |
| 68-32-297A | 30 TAC Chapter 117, Subchapter B | R7201-1 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Petroleum-based diesel fuel | None |
| 68-32-297A | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-1 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp less than 100 hp.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).<br>Stationary RICE Type = Compression ignition engine | None |
| 68-32-318 | 30 TAC Chapter 117, Subchapter B | R7201-1 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Petroleum-based diesel fuel | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-32-318 | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-2 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than 500.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). | None |
| 68-32-318A | 30 TAC Chapter 117, Subchapter B | R7201-1 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Petroleum-based diesel fuel | None |
| 68-32-318A | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-2 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than 500.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). | None |
| 68-32-318B | 30 TAC Chapter 117, Subchapter B | R7201-1 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Petroleum-based diesel fuel | None |
| 68-32-318B | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-2 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than 500.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). | None |
| 68-32-41 | 30 TAC Chapter 117, Subchapter B | R7201-1 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Petroleum-based diesel fuel | None |
| 68-32-41 | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-1 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp less than 100 hp.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).<br>Stationary RICE Type = Compression ignition engine | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-1 | 30 TAC Chapter 115, Storage of VOCs | R5112-11 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using a vapor recovery system (VRS)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons<br>Control Device Type = Flare | None |
| 68-95-1 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-1 | 40 CFR Part 63, Subpart CC | 63CC-1 | Closed Vent System = Closed vent system is operated and maintained under negative pressure.<br>Existing Source = The storage vessel is at an existing source.<br>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)<br>By-pass Lines = Closed vent system has by-pass lines that are sealed with a carseal or lock and key mechanism.<br>Emission Control Type = Closed vent system and control device<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Control Device Type = Flare<br>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) | None |
| 68-95-2 | 30 TAC Chapter 115, Storage of VOCs | R5112-11 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using a vapor recovery system (VRS)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons<br>Control Device Type = Flare | None |
| 68-95-2 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-2 | 40 CFR Part 63, Subpart CC | 63CC-1 | Closed Vent System = Closed vent system is operated and maintained under negative pressure.<br>Existing Source = The storage vessel is at an existing source.<br>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)<br>By-pass Lines = Closed vent system has by-pass lines that are sealed with a carseal or lock and key mechanism.<br>Emission Control Type = Closed vent system and control device<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Control Device Type = Flare<br>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) | None |
| 68-95-201 | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-201 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-201 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-202 | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-202 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-202 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-203 | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-203 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-203 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-204 | 30 TAC Chapter 115, Storage of VOCs | R5112-6 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-204 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-204 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-205 | 30 TAC Chapter 115, Storage of VOCs | R5112-8 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Welded tank using an external floating roof<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Primary Seal = Mechanical shoe<br>Product Stored = VOC other than crude oil or condensate<br>Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-205 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-205 | 40 CFR Part 63, Subpart CC | 63CC-1 | Existing Source = The storage vessel is at an existing source.<br>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = External floating roof<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)<br>Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-206 | 30 TAC Chapter 115, Storage of VOCs | R5112-8 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Welded tank using an external floating roof<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Primary Seal = Mechanical shoe<br>Product Stored = VOC other than crude oil or condensate<br>Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-206 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-206 | 40 CFR Part 63, Subpart CC | 63CC-1 | Existing Source = The storage vessel is at an existing source.<br>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = External floating roof<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)<br>Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal | None |
| 68-95-207 | 30 TAC Chapter 115, Storage of VOCs | R5112-10 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Welded tank using an external floating roof<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Primary Seal = Mechanical shoe<br>Product Stored = VOC other than crude oil or condensate<br>Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-207 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-207 | 40 CFR Part 63, Subpart CC | 63CC-1 | Existing Source = The storage vessel is at an existing source.<br>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = External floating roof<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)<br>Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal | None |
| 68-95-208 | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-208 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-208 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-209 | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-209 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-209 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-210 | 30 TAC Chapter 115, Storage of VOCs | R5112-10 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Welded tank using an external floating roof<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Primary Seal = Mechanical shoe<br>Product Stored = VOC other than crude oil or condensate<br>Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-210 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-210 | 40 CFR Part 63, Subpart CC | 63CC-1 | Existing Source = The storage vessel is at an existing source.<br>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = External floating roof<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)<br>Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal | None |
| 68-95-211 | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-211 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-211 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-212 | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-212 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-212 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-213 | 30 TAC Chapter 115, Storage of VOCs | R5112-10 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Welded tank using an external floating roof<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Primary Seal = Mechanical shoe<br>Product Stored = VOC other than crude oil or condensate<br>Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-213 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-213 | 40 CFR Part 63, Subpart CC | 63CC-1 | Existing Source = The storage vessel is at an existing source.<br>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = External floating roof<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)<br>Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal | None |
| 68-95-214 | 30 TAC Chapter 115, Storage of VOCs | R5112-10 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Welded tank using an external floating roof<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Primary Seal = Mechanical shoe<br>Product Stored = VOC other than crude oil or condensate<br>Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-214 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-214 | 40 CFR Part 63, Subpart CC | 63CC-1 | Existing Source = The storage vessel is at an existing source.<br>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = External floating roof<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)<br>Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-215 | 30 TAC Chapter 115, Storage of VOCs | R5112-8 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Welded tank using an external floating roof<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Primary Seal = Mechanical shoe<br>Product Stored = VOC other than crude oil or condensate<br>Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-215 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-215 | 40 CFR Part 63, Subpart CC | 63CC-1 | Existing Source = The storage vessel is at an existing source.<br>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = External floating roof<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)<br>Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal | None |
| 68-95-216 | 30 TAC Chapter 115, Storage of VOCs | R5112-8 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Welded tank using an external floating roof<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Primary Seal = Mechanical shoe<br>Product Stored = VOC other than crude oil or condensate<br>Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-216 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-216 | 40 CFR Part 63, Subpart CC | 63CC-3 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-216 | 40 CFR Part 63, Subpart G | 63G-2 | MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).<br>Seal Type = Two seals, one located above the other, the primary seal being a metallic shoe seal<br>NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.<br>Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = External floating roof | None |
| 68-95-217 | 30 TAC Chapter 115, Storage of VOCs | R5112-10 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Welded tank using an external floating roof<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Primary Seal = Mechanical shoe<br>Product Stored = VOC other than crude oil or condensate<br>Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-217 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-217 | 40 CFR Part 63, Subpart CC | 63CC-1 | Existing Source = The storage vessel is at an existing source.<br>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = External floating roof<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)<br>Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal | None |
| 68-95-219 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-219 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-219 | 40 CFR Part 63, Subpart CC | 63CC-1 | Existing Source = The storage vessel is at an existing source.<br>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = Fixed roof and an internal floating roof<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely cover the space between the wall of the storage vessel and the edge of the internal floating roof | None |
| 68-95-222 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-222 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-222 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-223 | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-223 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-223 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-224 | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-224 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-224 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-227 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-227 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-227 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-228 | 30 TAC Chapter 115, Storage of VOCs | R5112-10 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Welded tank using an external floating roof<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Primary Seal = Mechanical shoe<br>Product Stored = VOC other than crude oil or condensate<br>Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-228 | 40 CFR Part 63, Subpart CC | 63CC-1 | Existing Source = The storage vessel is at an existing source.<br>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = External floating roof<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)<br>Seal Type = Two seals, one above the other, the primary seal being a liquid-mounted seal | None |
| 68-95-230 | 30 TAC Chapter 115, Storage of VOCs | R5112-1 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Welded tank using an external floating roof<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Primary Seal = Mechanical shoe<br>Product Stored = Crude oil and/or condensate<br>Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-230 | 40 CFR Part 63, Subpart CC | 63CC-1 | Existing Source = The storage vessel is at an existing source.<br>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = External floating roof<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)<br>Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal | None |
| 68-95-231 | 30 TAC Chapter 115, Storage of VOCs | R5112-1 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Welded tank using an external floating roof<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Primary Seal = Mechanical shoe<br>Product Stored = Crude oil and/or condensate<br>Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-231 | 40 CFR Part 63, Subpart CC | 63CC-1 | Existing Source = The storage vessel is at an existing source.<br>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = External floating roof<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)<br>Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-232 | 30 TAC Chapter 115, Storage of VOCs | R5112-1 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Welded tank using an external floating roof<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Primary Seal = Mechanical shoe<br>Product Stored = Crude oil and/or condensate<br>Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-232 | 40 CFR Part 63, Subpart CC | 63CC-1 | Existing Source = The storage vessel is at an existing source.<br>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = External floating roof<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)<br>Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal | None |
| 68-95-233 | 30 TAC Chapter 115, Storage of VOCs | R5112-1 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Welded tank using an external floating roof<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Primary Seal = Mechanical shoe<br>Product Stored = Crude oil and/or condensate<br>Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-233 | 40 CFR Part 63, Subpart CC | 63CC-1 | Existing Source = The storage vessel is at an existing source.<br>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = External floating roof<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)<br>Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal | None |
| 68-95-234 | 30 TAC Chapter 115, Storage of VOCs | R5112-10 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Welded tank using an external floating roof<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Primary Seal = Mechanical shoe<br>Product Stored = VOC other than crude oil or condensate<br>Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-234 | 40 CFR Part 63, Subpart CC | 63CC-1 | Existing Source = The storage vessel is at an existing source.<br>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = External floating roof<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)<br>Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-235 | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-235 | 40 CFR Part 60, Subpart Ka | 60Ka-5 | Product Stored = Stored product other than a petroleum liquid | None |
| 68-95-235 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-236 | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-236 | 40 CFR Part 60, Subpart Ka | 60Ka-5 | Product Stored = Stored product other than a petroleum liquid | None |
| 68-95-236 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-237 | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-237 | 40 CFR Part 60, Subpart Ka | 60Ka-5 | Product Stored = Stored product other than a petroleum liquid | None |
| 68-95-237 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-238 | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-238 | 40 CFR Part 60, Subpart Ka | 60Ka-5 | Product Stored = Stored product other than a petroleum liquid | None |
| 68-95-238 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-239 | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-239 | 40 CFR Part 60, Subpart Ka | 60Ka-5 | Product Stored = Stored product other than a petroleum liquid | None |
| 68-95-239 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-241 | 30 TAC Chapter 115, Storage of VOCs | R5112-10 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Welded tank using an external floating roof<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Primary Seal = Mechanical shoe<br>Product Stored = VOC other than crude oil or condensate<br>Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-241 | 40 CFR Part 63, Subpart CC | 63CC-1 | Existing Source = The storage vessel is at an existing source.<br>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = External floating roof<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)<br>Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-245 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-245 | 40 CFR Part 63, Subpart CC | 63CC-3 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |
| 68-95-245 | 40 CFR Part 63, Subpart G | 63G-1 | MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof<br>NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.<br>Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = Internal floating roof | None |
| 68-95-246 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-246 | 40 CFR Part 63, Subpart CC | 63CC-3 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |
| 68-95-246 | 40 CFR Part 63, Subpart G | 63G-1 | MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof<br>NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.<br>Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = Internal floating roof | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-26 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-26 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-26 | 40 CFR Part 63, Subpart CC | 63CC-3 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |
| 68-95-26 | 40 CFR Part 63, Subpart G | 63G-1 | MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof<br>NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.<br>Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = Internal floating roof | None |
| 68-95-27 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-27 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-27 | 40 CFR Part 63, Subpart CC | 63CC-3 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |
| 68-95-27 | 40 CFR Part 63, Subpart G | 63G-1 | MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof<br>NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.<br>Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = Internal floating roof | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-300 | 30 TAC Chapter 115, Storage of VOCs | R5112-5 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using a vapor recovery system (VRS)<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons<br>Control Device Type = Flare | None |
| 68-95-300 | 40 CFR Part 63, Subpart CC | 63CC-3 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |
| 68-95-300 | 40 CFR Part 63, Subpart G | 63G-4 | MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).<br>Closed Vent System = Closed vent system is routing emissions to a process or fuel gas system, or is subject to § 63.148 of Subpart G<br>NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.<br>Hard Piping = The closed vent system is constructed of ductwork.<br>Bypass Lines = Closed vent system has no by-pass lines.<br>Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)<br>Control Device Type = Flare<br>Emission Control Type = Closed vent system (CVS) and control device (fixed roof) | None |
| 68-95-31 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-31 | 40 CFR Part 63, Subpart CC | 63CC-3 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |
| 68-95-31 | 40 CFR Part 63, Subpart G | 63G-1 | MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof<br>NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.<br>Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = Internal floating roof | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-400 | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-400 | 40 CFR Part 60, Subpart Ka | 60Ka-1 | Product Stored = Petroleum liquid (other than petroleum or condensate)<br>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)<br>True Vapor Pressure = TVP is less than 1.5 psia<br>Storage Vessel Description = Emission controls not required (fixed roof)<br>Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized<br>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized | None |
| 68-95-400 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-401 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-401 | 40 CFR Part 60, Subpart Ka | 60Ka-3 | Product Stored = Petroleum liquid (other than petroleum or condensate)<br>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)<br>True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia<br>Storage Vessel Description = Fixed roof with an internal floating-type cover<br>Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized<br>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-401 | 40 CFR Part 63, Subpart CC | 63CC-3 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |
| 68-95-401 | 40 CFR Part 63, Subpart G | 63G-1 | MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof<br>NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.<br>Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = Internal floating roof | None |
| 68-95-402 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-402 | 40 CFR Part 60, Subpart Ka | 60Ka-3 | Product Stored = Petroleum liquid (other than petroleum or condensate)<br>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)<br>True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia<br>Storage Vessel Description = Fixed roof with an internal floating-type cover<br>Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized<br>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized | None |
| 68-95-402 | 40 CFR Part 63, Subpart CC | 63CC-3 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |
| 68-95-402 | 40 CFR Part 63, Subpart G | 63G-1 | MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof<br>NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.<br>Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = Internal floating roof | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-403 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-403 | 40 CFR Part 60, Subpart Ka | 60Ka-3 | Product Stored = Petroleum liquid (other than petroleum or condensate)<br>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)<br>True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia<br>Storage Vessel Description = Fixed roof with an internal floating-type cover<br>Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized<br>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized | None |
| 68-95-403 | 40 CFR Part 63, Subpart CC | 63CC-3 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |
| 68-95-403 | 40 CFR Part 63, Subpart G | 63G-1 | MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof<br>NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.<br>Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = Internal floating roof | None |
| 68-95-405 | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-405 | 40 CFR Part 60, Subpart Ka | 60Ka-1 | Product Stored = Petroleum liquid (other than petroleum or condensate)<br>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)<br>True Vapor Pressure = TVP is less than 1.5 psia<br>Storage Vessel Description = Emission controls not required (fixed roof)<br>Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized<br>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-405 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-406 | 30 TAC Chapter 115, Storage of VOCs | R5112-10 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Welded tank using an external floating roof<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Primary Seal = Mechanical shoe<br>Product Stored = VOC other than crude oil or condensate<br>Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-406 | 40 CFR Part 63, Subpart CC | 63CC-1 | Existing Source = The storage vessel is at an existing source.<br>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = External floating roof<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)<br>Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal | None |
| 68-95-408 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-408 | 40 CFR Part 60, Subpart Ka | 60Ka-5 | Product Stored = Stored product other than a petroleum liquid | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-408 | 40 CFR Part 63, Subpart CC | 63CC-3 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |
| 68-95-408 | 40 CFR Part 63, Subpart G | 63G-1 | MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof<br>NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.<br>Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = Internal floating roof | None |
| 68-95-409 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-409 | 40 CFR Part 60, Subpart Ka | 60Ka-3 | Product Stored = Petroleum liquid (other than petroleum or condensate)<br>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)<br>True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia<br>Storage Vessel Description = Fixed roof with an internal floating-type cover<br>Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized<br>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized | None |
| 68-95-409 | 40 CFR Part 63, Subpart CC | 63CC-3 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |
| 68-95-409 | 40 CFR Part 63, Subpart G | 63G-1 | MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof<br>NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.<br>Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = Internal floating roof | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-410 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-410 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-411 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-411 | 40 CFR Part 60, Subpart Ka | 60Ka-3 | Product Stored = Petroleum liquid (other than petroleum or condensate)<br>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)<br>True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia<br>Storage Vessel Description = Fixed roof with an internal floating-type cover<br>Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized<br>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized | None |
| 68-95-411 | 40 CFR Part 63, Subpart CC | 63CC-3 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-411 | 40 CFR Part 63, Subpart G | 63G-1 | MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof<br>NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.<br>Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = Internal floating roof | None |
| 68-95-412 | 30 TAC Chapter 115, Storage of VOCs | R5112-11 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using a vapor recovery system (VRS)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons<br>Control Device Type = Flare | None |
| 68-95-412 | 40 CFR Part 60, Subpart Ka | 60Ka-7 | Product Stored = Petroleum liquid (other than petroleum or condensate)<br>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)<br>True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia<br>Storage Vessel Description = Vapor recovery system (VRS) and a vapor return or disposal system (fixed roof) | None |
| 68-95-412 | 40 CFR Part 63, Subpart CC | 63CC-4 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is part of a process specified in 40 CFR § 63.640(g)(1) - (6). | None |
| 68-95-413 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-413 | 40 CFR Part 60, Subpart Ka | 60Ka-2 | Product Stored = Petroleum liquid (other than petroleum or condensate)<br>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)<br>True Vapor Pressure = TVP is less than 1.5 psia<br>Storage Vessel Description = Fixed roof with an internal floating-type cover<br>Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized<br>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-413 | 40 CFR Part 63, Subpart CC | 63CC-3 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |
| 68-95-413 | 40 CFR Part 63, Subpart G | 63G-1 | MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof<br>NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.<br>Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = Internal floating roof | None |
| 68-95-414 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-414 | 40 CFR Part 60, Subpart Ka | 60Ka-5 | Product Stored = Stored product other than a petroleum liquid | None |
| 68-95-414 | 40 CFR Part 63, Subpart CC | 63CC-3 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |
| 68-95-414 | 40 CFR Part 63, Subpart G | 63G-1 | MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof<br>NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.<br>Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = Internal floating roof | None |
| 68-95-415 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-415 | 40 CFR Part 60, Subpart Ka | 60Ka-5 | Product Stored = Stored product other than a petroleum liquid | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-415 | 40 CFR Part 63, Subpart CC | 63CC-3 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |
| 68-95-415 | 40 CFR Part 63, Subpart G | 63G-1 | MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof<br>NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.<br>Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = Internal floating roof | None |
| 68-95-416 | 30 TAC Chapter 115, Storage of VOCs | R5112-2 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons | None |
| 68-95-416 | 40 CFR Part 60, Subpart Ka | 60Ka-5 | Product Stored = Stored product other than a petroleum liquid | None |
| 68-95-416 | 40 CFR Part 63, Subpart CC | 63CC-3 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |
| 68-95-416 | 40 CFR Part 63, Subpart G | 63G-1 | MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof<br>NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.<br>Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = Internal floating roof | None |
| 68-95-418 | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-418 | 40 CFR Part 60, Subpart Ka | 60Ka-1 | Product Stored = Petroleum liquid (other than petroleum or condensate)<br>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)<br>True Vapor Pressure = TVP is less than 1.5 psia<br>Storage Vessel Description = Emission controls not required (fixed roof)<br>Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized<br>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized | None |
| 68-95-418 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-419 | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-419 | 40 CFR Part 60, Subpart Ka | 60Ka-1 | Product Stored = Petroleum liquid (other than petroleum or condensate)<br>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)<br>True Vapor Pressure = TVP is less than 1.5 psia<br>Storage Vessel Description = Emission controls not required (fixed roof)<br>Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized<br>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized | None |
| 68-95-419 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-43 | 30 TAC Chapter 115, Storage of VOCs | R5112-10 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Welded tank using an external floating roof<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Primary Seal = Mechanical shoe<br>Product Stored = VOC other than crude oil or condensate<br>Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-43 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-43 | 40 CFR Part 63, Subpart CC | 63CC-1 | Existing Source = The storage vessel is at an existing source.<br>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = External floating roof<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)<br>Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal | None |
| 68-95-45 | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-45 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-45 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-46 | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-46 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-46 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-51 | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-51 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-51 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-53 | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-53 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-53 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-54 | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-54 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-54 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-55 | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-55 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-55 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-6 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-6 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-6 | 40 CFR Part 63, Subpart CC | 63CC-3 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-6 | 40 CFR Part 63, Subpart G | 63G-1 | MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof<br>NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.<br>Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = Internal floating roof | None |
| 68-95-66 | 30 TAC Chapter 115, Storage of VOCs | R5112-10 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Welded tank using an external floating roof<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Primary Seal = Mechanical shoe<br>Product Stored = VOC other than crude oil or condensate<br>Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-66 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-66 | 40 CFR Part 63, Subpart CC | 63CC-1 | Existing Source = The storage vessel is at an existing source.<br>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = External floating roof<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)<br>Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal | None |
| 68-95-7 | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-7 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-7 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-74 | 30 TAC Chapter 115, Storage of VOCs | R5112-10 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Welded tank using an external floating roof<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Primary Seal = Mechanical shoe<br>Product Stored = VOC other than crude oil or condensate<br>Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-74 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-74 | 40 CFR Part 63, Subpart CC | 63CC-1 | Existing Source = The storage vessel is at an existing source.<br>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = External floating roof<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)<br>Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-75 | 30 TAC Chapter 115, Storage of VOCs | R5112-10 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Welded tank using an external floating roof<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Primary Seal = Mechanical shoe<br>Product Stored = VOC other than crude oil or condensate<br>Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-75 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-75 | 40 CFR Part 63, Subpart CC | 63CC-1 | Existing Source = The storage vessel is at an existing source.<br>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = External floating roof<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)<br>Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal | None |
| 68-95-76 | 30 TAC Chapter 115, Storage of VOCs | R5112-10 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Welded tank using an external floating roof<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Primary Seal = Mechanical shoe<br>Product Stored = VOC other than crude oil or condensate<br>Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-76 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-76 | 40 CFR Part 63, Subpart CC | 63CC-1 | Existing Source = The storage vessel is at an existing source.<br>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = External floating roof<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)<br>Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal | None |
| 68-95-79 | 30 TAC Chapter 115, Storage of VOCs | R5112-8 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Welded tank using an external floating roof<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Primary Seal = Mechanical shoe<br>Product Stored = VOC other than crude oil or condensate<br>Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-79 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-79 | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-83 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-83 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-83 | 40 CFR Part 63, Subpart CC | 63CC-3 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |
| 68-95-83 | 40 CFR Part 63, Subpart G | 63G-1 | MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof<br>NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.<br>Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = Internal floating roof | None |
| 68-95-84 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-84 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-84 | 40 CFR Part 63, Subpart CC | 63CC-3 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |
| 68-95-84 | 40 CFR Part 63, Subpart G | 63G-1 | MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof<br>NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.<br>Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = Internal floating roof | None |
| 68-95-85 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-85 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-85 | 40 CFR Part 63, Subpart CC | 63CC-3 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |
| 68-95-85 | 40 CFR Part 63, Subpart G | 63G-1 | MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof<br>NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.<br>Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = Internal floating roof | None |
| 68-95-86 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-86 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-86 | 40 CFR Part 61, Subpart Y | 61Y-2 | Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles<br>Storage Capacity = Capacity is greater than or equal to 10,000 gallons<br>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb<br>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation<br>Tank Description = Fixed roof with an internal floating roof using a metallic shoe seal | None |
| 68-95-86 | 40 CFR Part 63, Subpart CC | 63CC-3 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |
| 68-95-86 | 40 CFR Part 63, Subpart G | 63G-3 | MACT Subpart F/G Applicability = The unit is a Group 2 vessel.<br>NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-87 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-87 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-87 | 40 CFR Part 63, Subpart CC | 63CC-3 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |
| 68-95-87 | 40 CFR Part 63, Subpart G | 63G-1 | MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof<br>NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.<br>Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = Internal floating roof | None |
| 68-95-91 | 40 CFR Part 60, Subpart Kb | 60Kb-03 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia | None |
| 68-95-91 | 40 CFR Part 61, Subpart FF | 61FF-4 | Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.<br>Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351.<br>Kb Tank Type = Using an external floating roof that meets the requirements of 40 CFR § 60.112b(a)(2)<br>Seal Type = Mechanical shoe primary seal | None |
| 68-95-91 | 40 CFR Part 63, Subpart G | 63Gww-1 | Process Wastewater = The tank receives, manages, or treats process wastewater streams<br>Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.<br>Wastewater Tank Properties = Properties do not qualify for exemption<br>Emission Control Type = External floating roof that meets the requirements specified in 40 CFR § 63.119(c), 40 CFR § 63.120(b)(5), and 40 CFR § 63.120(b)(6)<br>New Source = The source is an existing source. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-92 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-92 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-92 | 40 CFR Part 61, Subpart Y | 61Y-1 | Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles<br>Storage Capacity = Capacity is greater than or equal to 10,000 gallons<br>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb<br>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation<br>Tank Description = Fixed roof with an internal floating roof using two seals mounted one above the other, where the lower seal can be vapor-mounted, but both continuous | None |
| 68-95-92 | 40 CFR Part 63, Subpart CC | 63CC-3 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |
| 68-95-92 | 40 CFR Part 63, Subpart G | 63G-3 | MACT Subpart F/G Applicability = The unit is a Group 2 vessel.<br>NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. | None |
| 68-95-93 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-93 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-93 | 40 CFR Part 61, Subpart Y | 61Y-1 | Tank Type = The storage tank stores benzene within the specific gravities defined in 40 CFR § 61.270(a), not including storage tanks used to store benzene at coke by-product facilities, pressure vessels, or vessels permanently attached to a motor vehicles<br>Storage Capacity = Capacity is greater than or equal to 10,000 gallons<br>Stringency = The storage vessel is not subject to the provisions of 40 CFR Part 60, Subparts K, Ka, or Kb<br>Alternate Means of Emission Limitation = Not using an alternate means of emission limitation<br>Tank Description = Fixed roof with an internal floating roof using two seals mounted one above the other, where the lower seal can be vapor-mounted, but both continuous | None |
| 68-95-93 | 40 CFR Part 63, Subpart CC | 63CC-3 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |
| 68-95-93 | 40 CFR Part 63, Subpart G | 63G-3 | MACT Subpart F/G Applicability = The unit is a Group 2 vessel.<br>NESHAP Subpart Y Applicability = The unit is subject to 40 CFR Part 61, Subpart Y. | None |
| 68-95-94 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-94 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-94 | 40 CFR Part 63, Subpart CC | 63CC-3 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |
| 68-95-94 | 40 CFR Part 63, Subpart G | 63G-1 | MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof<br>NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.<br>Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = Internal floating roof | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-95 | 30 TAC Chapter 115, Storage of VOCs | R5112-7 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank using an internal floating roof (IFR)<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-95 | 40 CFR Part 60, Subpart K | 60K-1 | Construction/Modification Date = On or before June 11, 1973 | None |
| 68-95-95 | 40 CFR Part 63, Subpart CC | 63CC-3 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |
| 68-95-95 | 40 CFR Part 63, Subpart G | 63G-1 | MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G).<br>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof<br>NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y.<br>Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)<br>Emission Control Type = Internal floating roof | None |
| 68-95-97 | 30 TAC Chapter 115, Storage of VOCs | R5112-8 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Welded tank using an external floating roof<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Primary Seal = Mechanical shoe<br>Product Stored = VOC other than crude oil or condensate<br>Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-97 | 40 CFR Part 60, Subpart Kb | 60Kb-03 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-97 | 40 CFR Part 63, Subpart CC | 63CC-1 | Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition<br>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Maximum TVP = True vapor pressure is less than 0.75 psia | None |
| 68-95-98 | 30 TAC Chapter 115, Storage of VOCs | R5112-10 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Welded tank using an external floating roof<br>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia<br>Primary Seal = Mechanical shoe<br>Product Stored = VOC other than crude oil or condensate<br>Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-98 | 40 CFR Part 60, Subpart Kb | 60Kb-07 | Product Stored = Volatile organic liquid<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)<br>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia<br>Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal | None |
| 68-95-98 | 40 CFR Part 63, Subpart CC | 63CC-1 | Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition<br>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia<br>Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-99A | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-99A | 40 CFR Part 60, Subpart Ka | 60Ka-1 | Product Stored = Petroleum liquid (other than petroleum or condensate)<br>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)<br>True Vapor Pressure = TVP is less than 1.5 psia<br>Storage Vessel Description = Emission controls not required (fixed roof)<br>Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized<br>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized | None |
| 68-95-99A | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-99B | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-99B | 40 CFR Part 60, Subpart Ka | 60Ka-1 | Product Stored = Petroleum liquid (other than petroleum or condensate)<br>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)<br>True Vapor Pressure = TVP is less than 1.5 psia<br>Storage Vessel Description = Emission controls not required (fixed roof)<br>Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized<br>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-95-99B | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-99C | 30 TAC Chapter 115, Storage of VOCs | R5112-9 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 40,000 gallons | None |
| 68-95-99C | 40 CFR Part 63, Subpart CC | 63CC-2 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.<br>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.<br>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.<br>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit. | None |
| 68-95-OIL | 30 TAC Chapter 115, Storage of VOCs | R5112-3 | Today's Date = Today's date is March 1, 2013 or later.<br>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.<br>Tank Description = Tank does not require emission controls<br>True Vapor Pressure = True vapor pressure is less than 1.0 psia<br>Product Stored = VOC other than crude oil or condensate<br>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons | None |
| 68-95-OIL | 40 CFR Part 60, Subpart Ka | 60Ka-5 | Product Stored = Stored product other than a petroleum liquid | None |
| 68-95-OIL | 40 CFR Part 63, Subpart CC | 63CC-4 | Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is part of a process specified in 40 CFR § 63.640(g)(1) - (6). | None |
| 68-P-107 | 30 TAC Chapter 117, Subchapter B | R7201-1 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Petroleum-based diesel fuel | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 68-P-107 | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-2 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than 500.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). | None |
| 6N-0-0 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP Index No. = Owner/Operator assumes HRVOC fugitive control requirements for all components subject to 30 TAC Chapter 115, HRVOC Fugitive Emissions with no alternate control or control device. | None |
| 6N-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |
| 6S-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |
| 6S-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = YES<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |
| 7-0-0 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |
| 7-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |
| 7-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = YES<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 7-16-1 | 30 TAC Chapter 115, Vent Gas Controls | R5121-7-16-1 | Alternate Control Requirement = Alternate control is not used.<br>Control Device Type = Smokeless flare<br>Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10. | None |
| 7-16-1 | 40 CFR Part 63, Subpart CC | <blank> | Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |
| 7-16-1 | 40 CFR Part 63, Subpart G | 63G-7-16-1 | Alternate Monitoring Parameters = The EPA Administrator has not approved alternate monitoring parameters or alternate monitoring parameters are not used.<br>Control Device = Flare<br>Overlap = Title 40 CFR Part 63, Subpart G only<br>Group 1 = The process vent meets the definition of a Group 1 process vent.<br>Halogenated = Vent stream is not halogenated.<br>By-pass Lines = The vent system does not contain by-pass lines that can divert the vent stream from the control device.<br>Performance Test = A performance test was conducted for determining compliance with a regulation promulgated by the EPA using the same methods specified in Subpart G and either no process changes have been made, or the results reliably indicate compliance. | None |
| 7-16-2 | 30 TAC Chapter 115, Vent Gas Controls | 56-61-1 | Alternate Control Requirement = Alternate control is not used.<br>Control Device Type = Smokeless flare<br>Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10. | None |
| 7-16-2 | 40 CFR Part 63, Subpart CC | <blank> | Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |
| 7-16-2 | 40 CFR Part 63, Subpart G | 63G-7-16-2 | Alternate Monitoring Parameters = The EPA Administrator has not approved alternate monitoring parameters or alternate monitoring parameters are not used.<br>Control Device = Flare<br>Overlap = Title 40 CFR Part 63, Subpart G only<br>Group 1 = The process vent meets the definition of a Group 1 process vent.<br>Halogenated = Vent stream is not halogenated.<br>By-pass Lines = The vent system does not contain by-pass lines that can divert the vent stream from the control device.<br>Performance Test = A performance test was conducted for determining compliance with a regulation promulgated by the EPA using the same methods specified in Subpart G and either no process changes have been made, or the results reliably indicate compliance. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 7-95-203 | 30 TAC Chapter 115, Vent Gas Controls | R5121-7-95-203 | Alternate Control Requirement = Alternate control is not used.<br>Control Device Type = Smokeless flare<br>Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10. | None |
| 7-95-203 | 40 CFR Part 63, Subpart G | 63G-7-95-203 | Alternate Monitoring Parameters = The EPA Administrator has not approved alternate monitoring parameters or alternate monitoring parameters are not used.<br>Control Device = Flare<br>Overlap = Title 40 CFR Part 63, Subpart G only<br>Group 1 = The process vent meets the definition of a Group 1 process vent.<br>Halogenated = Vent stream is not halogenated.<br>By-pass Lines = The vent system does not contain by-pass lines that can divert the vent stream from the control device.<br>Performance Test = A performance test was conducted for determining compliance with a regulation promulgated by the EPA using the same methods specified in Subpart G and either no process changes have been made, or the results reliably indicate compliance. | None |
| 7-95-209 | 30 TAC Chapter 115, Vent Gas Controls | R5121-7-95-209 | Alternate Control Requirement = Alternate control is not used.<br>Control Device Type = Smokeless flare<br>Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10. | None |
| 7-95-209 | 40 CFR Part 63, Subpart G | 63G-7-95-209 | Alternate Monitoring Parameters = The EPA Administrator has not approved alternate monitoring parameters or alternate monitoring parameters are not used.<br>Control Device = Flare<br>Overlap = Title 40 CFR Part 63, Subpart G only<br>Group 1 = The process vent meets the definition of a Group 1 process vent.<br>Halogenated = Vent stream is not halogenated.<br>By-pass Lines = The vent system does not contain by-pass lines that can divert the vent stream from the control device.<br>Performance Test = A performance test was conducted for determining compliance with a regulation promulgated by the EPA using the same methods specified in Subpart G and either no process changes have been made, or the results reliably indicate compliance. | None |
| 7-95-210 | 30 TAC Chapter 115, Vent Gas Controls | R5121-7-95-210 | Alternate Control Requirement = Alternate control is not used.<br>Control Device Type = Smokeless flare<br>Vent Type = Vent gas stream originates from a synthetic organic chemical manufacturing industry reactor process or distillation operation, as defined in 30 TAC § 115.10. | None |
| 7-95-210 | 40 CFR Part 63, Subpart CC | 63CC | Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).<br>Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subparts F, G, H, or I. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 7-95-210 | 40 CFR Part 63, Subpart G | 63G-7-95-210 | Alternate Monitoring Parameters = The EPA Administrator has not approved alternate monitoring parameters or alternate monitoring parameters are not used.<br>Control Device = Flare<br>Overlap = Title 40 CFR Part 63, Subpart G only<br>Group 1 = The process vent meets the definition of a Group 1 process vent.<br>Halogenated = Vent stream is not halogenated.<br>By-pass Lines = The vent system does not contain by-pass lines that can divert the vent stream from the control device.<br>Performance Test = A performance test was conducted for determining compliance with a regulation promulgated by the EPA using the same methods specified in Subpart G and either no process changes have been made, or the results reliably indicate compliance. | None |
| 8-0-0 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |
| 8-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |
| 8-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = YES<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |
| 86-0-0 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |
| 86-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |
| 86-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | SOP Index No. = OWNER/OPERATOR ASSUMES VOC/VHAP FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO MACT CC AND COMPLYING WITH NSPS VV REQUIREMENTS WITH NO ALTERNATE CONTROL OR CONTROL DEVICES | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 86-LOAD | 30 TAC Chapter 115, Loading and Unloading of VOC | R5211-1 | Chapter 115 Control Device Type = Vapor control system with a vapor combustor.<br>Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.<br>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.<br>Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.<br>Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.<br>Transfer Type = Only unloading.<br>True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.<br>Daily Throughput = Loading greater than or equal to 20,000 gallons per day.<br>Control Options = Vapor control system that maintains a control efficiency of at least 90%. | None |
| 86-LOAD | 40 CFR Part 63, Subpart G | 63G-2 | Alternate Parameter Monitoring = Approval has not been sought or has not been granted by the EPA Administrator to monitor a parameter other than those specified in 40 CFR § 63.127(a) - (b).<br>Control Device = Incinerator other than a catalytic incinerator.<br>Halogenated Emissions = There are no halogenated emission streams from the transfer rack.<br>Transfer Rack Type = Group 1 transfer rack (as defined in 40 CFR § 63.111).<br>Vapor Balancing System = A vapor balancing system is not being used to reduce emissions of organic hazardous air pollutants.<br>Emissions Routing = Emissions of organic hazardous air pollutants are not routed to a fuel gas system nor to a process where the organic hazardous air pollutants meet one or more of the ends specified in 40 CFR § 63.126(b)(4)(i) - (iv).<br>Bypass Lines = The vent system does not contain by-pass lines that could divert a vent stream flow away from the control device.<br>Performance Test Exemption = Boiler, process heater or incinerator does not qualify for exemption and a performance test is required.<br>Title 40 § 63.128(h) Option = The transfer rack is complying with 40 CFR § 63.128(a) or (b).<br>Closed Vent System = Closed vent system is routing emissions to a process or fuel gas system or is subject to § 63.148 of Subpart G.<br>Shared Control Device = The control device is shared between transfer racks and process vents.<br>Hard Piping = The closed vent system is constructed of hard piping.<br>Multiple Arms = Control device is shared between multiple arms loading simultaneously. | None |
| 87-0-0 | 30 TAC Chapter 115, HRVOC Fugitive Emissions | R5780-ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |
| 87-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device. | None |
| 87-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | SOP Index No. = OWNER/OPERATOR ASSUMES VOC/VHAP FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO MACT CC AND COMPLYING WITH NSPS VV REQUIREMENTS WITH NO ALTERNATE CONTROL OR CONTROL DEVICES | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 87-LOAD | 30 TAC Chapter 115, Loading and Unloading of VOC | R5211-1 | Chapter 115 Control Device Type = Vapor control system with a vapor combustor.<br>Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.<br>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.<br>Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.<br>Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline.<br>Transfer Type = Only unloading.<br>True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.<br>Daily Throughput = Loading greater than or equal to 20,000 gallons per day.<br>Control Options = Vapor control system that maintains a control efficiency of at least 90%. | None |
| 87-LOAD | 40 CFR Part 63, Subpart G | 63G-2 | Alternate Parameter Monitoring = Approval has not been sought or has not been granted by the EPA Administrator to monitor a parameter other than those specified in 40 CFR § 63.127(a) - (b).<br>Control Device = Incinerator other than a catalytic incinerator.<br>Halogenated Emissions = There are no halogenated emission streams from the transfer rack.<br>Transfer Rack Type = Group 1 transfer rack (as defined in 40 CFR § 63.111).<br>Vapor Balancing System = A vapor balancing system is not being used to reduce emissions of organic hazardous air pollutants.<br>Emissions Routing = Emissions of organic hazardous air pollutants are not routed to a fuel gas system nor to a process where the organic hazardous air pollutants meet one or more of the ends specified in 40 CFR § 63.126(b)(4)(i) - (iv).<br>Bypass Lines = The vent system does not contain by-pass lines that could divert a vent stream flow away from the control device.<br>Performance Test Exemption = Boiler, process heater or incinerator does not qualify for exemption and a performance test is required.<br>Title 40 § 63.128(h) Option = The transfer rack is complying with 40 CFR § 63.128(a) or (b).<br>Closed Vent System = Closed vent system is routing emissions to a process or fuel gas system or is subject to § 63.148 of Subpart G.<br>Shared Control Device = The control device is shared between transfer racks and process vents.<br>Hard Piping = The closed vent system is constructed of hard piping.<br>Multiple Arms = Control device is shared between multiple arms loading simultaneously. | None |
| 9-0-0 | 30 TAC Chapter 115, Pet. Refinery & Petrochemicals | R5352ALL | SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device.<br>Title 30 TAC § 115.352 Applicable = Site is a petroleum refinery, synthetic organic chemical, polymer resin or methyl tert-butyl ether manufacturing process or a natural gas/gasoline processing operation as defined in 30 TAC 115.10.<br>Less Than 250 Components at Site = Fugitive unit not located at site with less than 250 fugitive components.<br>Weight Percent VOC = All components contact a process fluid that contains greater than or equal to 10% VOC by weight.<br>Reciprocating Compressors Or Positive Displacement Pumps = The fugitive unit does not have reciprocating compressors or positive displacement pumps used in natural gas/gasoline processing operations. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 9-0-0 | 40 CFR Part 63, Subpart CC | 63CCVVALL | FLARE = YES<br>VAPOR RECOVERY SYSTEM = YES<br>FLARE EQUIVALENT EMISSION LIMITATION = NO<br>VAPOR RECOVERY SYSTEM EQUIVALENT EMISSION LIMITATION = NO<br>FLARE COMPLYING WITH §60.482-10 = YES<br>VAPOR RECOVERY SYSTEM COMPLYING WITH § 60.482-10 = YES | None |
| 91-32-4B | 30 TAC Chapter 117, Subchapter B | R7201-1 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Petroleum-based diesel fuel | None |
| 91-32-4B | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-3 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than or equal to 300 hp and less than or equal to 500 hp.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).<br>Stationary RICE Type = Compression ignition engine | None |
| 9-36-4 | 30 TAC Chapter 117, Subchapter B | R7301-2 | Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent.<br>Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a).<br>Unit Type = Process heater<br>CO Emission Limitation = Title 30 TAC § 117.310(c)(1) 400 ppmv option<br>Maximum Rated Capacity = Maximum rated capacity is at least 200 MMBtu/hr.<br>CO Monitoring System = Continuous emission monitoring system complying with 30 TAC § 117.8100(a)(1).<br>NOx Emission Limit Basis = Emission limit in lb/hr (or ppm by volume at 15% oxygen, dry basis) on a block one-hour average<br>NOx Reduction = No $NO_x$ control method<br>Fuel Type #1 = Gaseous fuel other than natural gas, landfill gas, or renewable non-fossil fuel gases.<br>Fuel Type #2 = Natural gas<br>NOx Monitoring System = Continuous emissions monitoring system<br>Annual Heat Input = Annual heat input is greater than $2.2(10^{11})$ Btu/yr, based on a rolling 12-month average.<br>NOx Emission Limitation = Title 30 TAC §§ 117.310(d)(3) and 117.310(a)(8) | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| 9-36-4 | 30 TAC Chapter 111, Visible Emissions | R1111 | Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.<br>Vent Source = The source of the vent is not a steam generator fired by solid fossil fuel, oil or a mixture of oil and gas and is not a catalyst regenerator for a fluid bed catalytic cracking unit.<br>Opacity Monitoring System = Optical instrument capable of measuring the opacity of emissions is not installed in the vent or optical instrumentation does not meet the requirements of § 111.111(a)(1)(D), or the vent stream does not qualify for the exemption in § 111.111(a)(3).<br>Construction Date = On or before January 31, 1972<br>Effluent Flow Rate = Effluent flow rate is less than 100,000 actual cubic feet per minute. | None |
| 9-36-4 | 40 CFR Part 60, Subpart J | 60J-1 | Facility Type = FCCU catalyst regenerator located at a petroleum refinery.<br>Construction/Modification Date = On or before June 11, 1973. | None |
| 94-31-001 | 30 TAC Chapter 117, Subchapter B | R7201-3 | Type of Service = Used exclusively in emergency situations [claiming the emergency service exemption under 30 TAC §§ 117.103(a)(6)(D), 117.203(a)(6)(D), 117.303(a)(6)(D) or 117.403(a)(7)(D)]<br>Fuel Fired = Natural gas | None |
| 94-31-001 | 40 CFR Part 60, Subpart JJJJ | 60JJJJ-1 | Construction/Reconstruction/Modification Date = The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction or modification prior to June 12, 2006. | None |
| 94-31-001 | 40 CFR Part 63, Subpart ZZZZ | 63ZZZZ-6 | HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.<br>Brake HP = Stationary RICE with a brake hp greater than or equal to 250 hp and less than 300 hp.<br>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.<br>Service Type = Emergency use where the RICE does not operate or is not contractually obligated to be available for more than 15 hours per calendar year as specified in 40 CFR §63.6640(f)(2)(ii)-(iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).<br>Stationary RICE Type = 4 stroke spark ignited lean burn engine. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| PRO-15 | 40 CFR Part 63, Subpart F | 63F-PRO-15 | Applicable Chemicals = The chemical manufacturing process unit manufactures, as a primary product, one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or 40 CFR § 63.100(b)(1)(ii).<br>Intervening Cooling Fluid = There is no intervening cooling fluid containing less than 5 percent by weight of total HAPs listed in Table 4 of 40 CFR Part 63, Subpart F, between the process and cooling water.<br>Table 2 HAP = The chemical manufacturing process unit uses as a reactant or manufactures, as a product or co-product, one or more of the organic hazardous air pollutants in Table 2.<br>Table 4 HAP Content = The recirculating heat exchange system is not used exclusively to cool process fluids that contain less than 5 percent by weight of total HAPs listed in Table 4 of title 40 CFR Part 63, Subpart F.<br>Alternate Means of Emission Limitation = No alternative means of emission limitation has been approved by the EPA Administrator to achieve a reduction in organic HAP emission or no alternate has been requested.<br>NPDES Permit = The once-through heat exchange system is not subject to NPDES permit with an allowable discharge limit of 1 part per million or less above influent concentration or 10 percent or less above influent concentration.<br>Meets 40 CFR 63.104(a)(4)(i)-(iv) = The once-through heat exchange system is not subject to an NPDES permit that meets 40 CFR § 63.104(a)(4)(i) - (iv).<br>Heat Exchange System = A heat exchange system is utilized.<br>Table 9 HAP Content = The once-through heat exchange system is not used exclusively to cool process fluids that contain less than 5 percent by weight of total HAPs listed in Table 9 of 40 CFR Part 63, Subpart G.<br>Cooling Water Monitored = The cooling water is not being monitored for the presence of one or more HAPs or other representative substances whose presence in cooling water indicates a leak.<br>Cooling Water Pressure = The heat exchange system is not operated with the minimum pressure on the cooling water side at least 35 kilopascals greater than the maximum pressure on the process side. | None |
| PRO-17 | 40 CFR Part 63, Subpart F | 63F-PRO-17 | Applicable Chemicals = The chemical manufacturing process unit manufactures, as a primary product, one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or 40 CFR § 63.100(b)(1)(ii).<br>Intervening Cooling Fluid = There is no intervening cooling fluid containing less than 5 percent by weight of total HAPs listed in Table 4 of 40 CFR Part 63, Subpart F, between the process and cooling water.<br>Table 2 HAP = The chemical manufacturing process unit uses as a reactant or manufactures, as a product or co-product, one or more of the organic hazardous air pollutants in Table 2.<br>Table 4 HAP Content = The recirculating heat exchange system is not used exclusively to cool process fluids that contain less than 5 percent by weight of total HAPs listed in Table 4 of title 40 CFR Part 63, Subpart F.<br>Alternate Means of Emission Limitation = No alternative means of emission limitation has been approved by the EPA Administrator to achieve a reduction in organic HAP emission or no alternate has been requested.<br>NPDES Permit = The once-through heat exchange system is not subject to NPDES permit with an allowable discharge limit of 1 part per million or less above influent concentration or 10 percent or less above influent concentration.<br>Meets 40 CFR 63.104(a)(4)(i)-(iv) = The once-through heat exchange system is not subject to an NPDES permit that meets 40 CFR § 63.104(a)(4)(i) - (iv).<br>Heat Exchange System = A heat exchange system is utilized.<br>Table 9 HAP Content = The once-through heat exchange system is not used exclusively to cool process fluids that contain less than 5 percent by weight of total HAPs listed in Table 9 of 40 CFR Part 63, Subpart G.<br>Cooling Water Monitored = The cooling water is not being monitored for the presence of one or more HAPs or other representative substances whose presence in cooling water indicates a leak.<br>Cooling Water Pressure = The heat exchange system is not operated with the minimum pressure on the cooling water side at least 35 kilopascals greater than the maximum pressure on the process side. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| PRO-19 | 40 CFR Part 63, Subpart F | 63F-PRO-19 | Applicable Chemicals = The chemical manufacturing process unit manufactures, as a primary product, one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or 40 CFR § 63.100(b)(1)(ii).<br>Intervening Cooling Fluid = There is no intervening cooling fluid containing less than 5 percent by weight of total HAPs listed in Table 4 of 40 CFR Part 63, Subpart F, between the process and cooling water.<br>Table 2 HAP = The chemical manufacturing process unit uses as a reactant or manufactures, as a product or co-product, one or more of the organic hazardous air pollutants in Table 2.<br>Table 4 HAP Content = The recirculating heat exchange system is not used exclusively to cool process fluids that contain less than 5 percent by weight of total HAPs listed in Table 4 of title 40 CFR Part 63, Subpart F.<br>Alternate Means of Emission Limitation = No alternative means of emission limitation has been approved by the EPA Administrator to achieve a reduction in organic HAP emission or no alternate has been requested.<br>NPDES Permit = The once-through heat exchange system is not subject to NPDES permit with an allowable discharge limit of 1 part per million or less above influent concentration or 10 percent or less above influent concentration.<br>Meets 40 CFR 63.104(a)(4)(i)-(iv) = The once-through heat exchange system is not subject to an NPDES permit that meets 40 CFR § 63.104(a)(4)(i) - (iv).<br>Heat Exchange System = A heat exchange system is utilized.<br>Table 9 HAP Content = The once-through heat exchange system is not used exclusively to cool process fluids that contain less than 5 percent by weight of total HAPs listed in Table 9 of 40 CFR Part 63, Subpart G.<br>Cooling Water Monitored = The cooling water is not being monitored for the presence of one or more HAPs or other representative substances whose presence in cooling water indicates a leak.<br>Cooling Water Pressure = The heat exchange system is not operated with the minimum pressure on the cooling water side at least 35 kilopascals greater than the maximum pressure on the process side. | None |
| PRO-6 | 40 CFR Part 63, Subpart F | 63F-PRO-6 | Applicable Chemicals = The chemical manufacturing process unit manufactures, as a primary product, one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or 40 CFR § 63.100(b)(1)(ii).<br>Intervening Cooling Fluid = There is no intervening cooling fluid containing less than 5 percent by weight of total HAPs listed in Table 4 of 40 CFR Part 63, Subpart F, between the process and cooling water.<br>Table 2 HAP = The chemical manufacturing process unit uses as a reactant or manufactures, as a product or co-product, one or more of the organic hazardous air pollutants in Table 2.<br>Table 4 HAP Content = The recirculating heat exchange system is not used exclusively to cool process fluids that contain less than 5 percent by weight of total HAPs listed in Table 4 of title 40 CFR Part 63, Subpart F.<br>Alternate Means of Emission Limitation = No alternative means of emission limitation has been approved by the EPA Administrator to achieve a reduction in organic HAP emission or no alternate has been requested.<br>NPDES Permit = The once-through heat exchange system is not subject to NPDES permit with an allowable discharge limit of 1 part per million or less above influent concentration or 10 percent or less above influent concentration.<br>Meets 40 CFR 63.104(a)(4)(i)-(iv) = The once-through heat exchange system is not subject to an NPDES permit that meets 40 CFR § 63.104(a)(4)(i) - (iv).<br>Heat Exchange System = A heat exchange system is utilized.<br>Table 9 HAP Content = The once-through heat exchange system is not used exclusively to cool process fluids that contain less than 5 percent by weight of total HAPs listed in Table 9 of 40 CFR Part 63, Subpart G.<br>Cooling Water Monitored = The cooling water is not being monitored for the presence of one or more HAPs or other representative substances whose presence in cooling water indicates a leak.<br>Cooling Water Pressure = The heat exchange system is not operated with the minimum pressure on the cooling water side at least 35 kilopascals greater than the maximum pressure on the process side. | None |

| Unit ID | Regulation | Index Number | Basis of Determination* | Changes and Exceptions to DSS** |
|---|---|---|---|---|
| PRO-7 | 40 CFR Part 63, Subpart F | 63F-PRO-7 | Applicable Chemicals = The chemical manufacturing process unit manufactures, as a primary product, one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or 40 CFR § 63.100(b)(1)(ii).<br>Intervening Cooling Fluid = There is no intervening cooling fluid containing less than 5 percent by weight of total HAPs listed in Table 4 of 40 CFR Part 63, Subpart F, between the process and cooling water.<br>Table 2 HAP = The chemical manufacturing process unit uses as a reactant or manufactures, as a product or co-product, one or more of the organic hazardous air pollutants in Table 2.<br>Table 4 HAP Content = The recirculating heat exchange system is not used exclusively to cool process fluids that contain less than 5 percent by weight of total HAPs listed in Table 4 of title 40 CFR Part 63, Subpart F.<br>Alternate Means of Emission Limitation = No alternative means of emission limitation has been approved by the EPA Administrator to achieve a reduction in organic HAP emission or no alternate has been requested.<br>NPDES Permit = The once-through heat exchange system is not subject to NPDES permit with an allowable discharge limit of 1 part per million or less above influent concentration or 10 percent or less above influent concentration.<br>Meets 40 CFR 63.104(a)(4)(i)-(iv) = The once-through heat exchange system is not subject to an NPDES permit that meets 40 CFR § 63.104(a)(4)(i) - (iv).<br>Heat Exchange System = A heat exchange system is utilized.<br>Table 9 HAP Content = The once-through heat exchange system is not used exclusively to cool process fluids that contain less than 5 percent by weight of total HAPs listed in Table 9 of 40 CFR Part 63, Subpart G.<br>Cooling Water Monitored = The cooling water is not being monitored for the presence of one or more HAPs or other representative substances whose presence in cooling water indicates a leak.<br>Cooling Water Pressure = The heat exchange system is not operated with the minimum pressure on the cooling water side at least 35 kilopascals greater than the maximum pressure on the process side. | None |
| REFVACSYS | 30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref | R5311-REFVAC | Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate control requirement for demonstrating and documenting compliance or no such alternate has been requested.<br>Steam Ejection or Mechanical Vacuum Pump = The vacuum-producing system contains a steam<br>ejector or mechanical vacuum pump.<br>Hotwell with a Contact Condenser = The vacuum-producing system does not contain a hotwell with a contact condenser.<br>Control Device = Catalytic incinerator or chiller. | None |

* - The “unit attributes” or operating conditions that determine what requirements apply

**NSR Versus Title V FOP**

The state of Texas has two Air permitting programs, New Source Review (NSR) and Title V Federal Operating Permits. The two programs are substantially different both in intent and permit content.

NSR is a preconstruction permitting program authorized by the Texas Clean Air Act and Title I of the Federal Clean Air Act (FCAA). The processing of these permits is governed by 30 Texas Administrative Code (TAC) Chapter 116.111. The Title V Federal Operating Program is a federal program authorized under Title V of the FCAA that has been delegated to the state of Texas to administer and is governed by 30 TAC Chapter 122. The major differences between the two permitting programs are listed in the table below:

| NSR Permit | Federal Operating Permit(FOP) |
|---|---|
| Issued Prior to new Construction or modification of an existing facility | For initial permit with application shield, can be issued after operation commences; significant revisions require approval prior to operation. |
| Authorizes air emissions | Codifies existing applicable requirements, does not authorize new emissions |
| Ensures issued permits are protective of the environment and human health by conducting a health effects review and that requirement for best available control technology (BACT) is implemented. | Applicable requirements listed in permit are used by the inspectors to ensure proper operation of the site as authorized. Ensures that adequate monitoring is in place to allow compliance determination with the FOP. |
| Up to two Public notices may be required. Opportunity for public comment and contested case hearings for some authorizations. | One public notice required. Opportunity for public comments. No contested case hearings. |
| Applies to all point source emissions in the state. | Applies to all major sources and some non-major sources identified by the EPA. |
| Applies to facilities: a portion of site or individual emission sources | One or multiple FOPs cover the entire site (consists of multiple facilities) |
| Permits include terms and conditions under which the applicant must construct and operate its various equipment and processes on a facility basis. | Permits include terms and conditions that specify the general operational requirements of the site; and also include codification of all applicable requirements for emission units at the site. |
| Opportunity for EPA review for Federal Prevention of Significant Deterioration (PSD) and Nonattainment (NA) permits for major sources. | Opportunity for EPA review, Affected states review, and a Public petition period for every FOP. |
| Permits have a table listing maximum emission limits for pollutants | Permit has an applicable requirements table and Periodic Monitoring (PM) / Compliance Assurance Monitoring (CAM) tables which document applicable monitoring requirements. |
| Permits can be altered or amended upon application by company. Permits must be issued before construction or modification of facilities can begin. | Permits can be revised through several revision processes, which provide for different levels of public notice and opportunity to comment. Changes that would be significant revisions require that a revised permit be issued before those changes can be operated. |
| NSR permits are issued independent of FOP requirements. | FOP are independent of NSR permits, but contain a list of all NSR permits incorporated by reference |

**New Source Review Requirements**

Below is a list of the New Source Review (NSR) permits for the permitted area. These NSR permits are incorporated by reference into the operating permit and are enforceable under it. These permits can be found in the main TCEQ file room, located on the first floor of Building E, 12100 Park 35 Circle, Austin, Texas. The Public Education Program may be contacted at 1-800-687-4040 or the Air Permits Division (APD) may be contacted at 1-512-239-1250 for help with any question.

Additionally, the site contains emission units that are permitted by rule under the requirements of 30 TAC Chapter 106, Permits by Rule. The following table specifies the permits by rule that apply to the site. All current permits by rule are contained in Chapter 106. Outdated 30 TAC Chapter 106 permits by rule may be viewed at the following Web site:

www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/old106list/index106.html

Outdated Standard Exemption lists may be viewed at the following Web site:

www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/oldselist/se_index.html

The status of air permits and applications and a link to the Air Permits Remote Document Server is located at the following Web site:

www.tceq.texas.gov/permitting/air/nav/air_status_permits.html

| **Prevention of Significant Deterioration (PSD) Permits** | |
|---|---|
| PSD Permit No.: PSDTX103M4 | Issuance Date: 12/01/2014 |
| **Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.** | |
| Authorization No.: 106776 | Issuance Date: 12/12/2012 |
| Authorization No.: 1486A | Issuance Date: 05/04/2012 |
| Authorization No.: 18142 | Issuance Date: 05/04/2012 |
| Authorization No.: 21265 | Issuance Date: 05/04/2012 |
| Authorization No.: 22086 | Issuance Date: 05/04/2012 |
| Authorization No.: 30513 | Issuance Date: 05/04/2012 |
| Authorization No.: 49140 | Issuance Date: 09/06/2013 |
| Authorization No.: 5689A | Issuance Date: 05/04/2012 |
| Authorization No.: 5920A | Issuance Date: 12/01/2014 |
| Authorization No.: 7467A | Issuance Date: 05/04/2012 |
| Authorization No.: 7754A | Issuance Date: 05/04/2012 |
| **Permits By Rule (30 TAC Chapter 106) for the Application Area** | |
| Number: 106.261 | Version No./Date: 11/01/2003 |
| Number: 106.262 | Version No./Date: 11/01/2003 |
| Number: 106.371 | Version No./Date: 09/04/2000 |

| | |
|---|---|
| Number: 106.478 | Version No./Date: 03/14/1997 |
| Number: 106.478 | Version No./Date: 09/04/2000 |
| Number: 106.511 | Version No./Date: 09/04/2000 |
| Number: 106.512 | Version No./Date: 06/13/2001 |
| Number: 61 | Version No./Date: 09/12/1989 |
| Number: 86 | Version No./Date: 09/12/1989 |
| Number: 86 | Version No./Date: 07/20/1992 |
| Number: 86 | Version No./Date: 09/16/1993 |
| Number: 86 | Version No./Date: 05/04/1994 |
| Number: 102 | Version No./Date: 05/12/1981 |

**Emission Units and Emission Points**

In air permitting terminology, any source capable of generating emissions (for example, an engine or a sandblasting area) is called an Emission Unit. For purposes of Title V, emission units are specifically listed in the operating permit when they have applicable requirements other than New Source Review (NSR), or when they are listed in the permit shield table.

The actual physical location where the emissions enter the atmosphere (for example, an engine stack or a sand-blasting yard) is called an emission point. For New Source Review preconstruction permitting purposes, every emission unit has an associated emission point. Emission limits are listed in an NSR permit, associated with an emission point. This list of emission points and emission limits per pollutant is commonly referred to as the "Maximum Allowable Emission Rate Table", or "MAERT" for short. Specifically, the MAERT lists the Emission Point Number (EPN) that identifies the emission point, followed immediately by the Source Name, identifying the emission unit that is the source of those emissions on this table.

Thus, by reference, an emission unit in a Title V operating permit is linked by reference number to an NSR authorization, and its related emission point.

**Monitoring Sufficiency**

Federal and state rules, 40 CFR § 70.6(a)(3)(i)(B) and 30 TAC § 122.142(c) respectively, require that each federal operating permit include additional monitoring for applicable requirements that lack periodic or instrumental monitoring (which may include recordkeeping that serves as monitoring) that yields reliable data from a relevant time period that are representative of the emission unit's compliance with the applicable emission limitation or standard. Furthermore, the federal operating permit must include compliance assurance monitoring (CAM) requirements for emission sources that meet the applicability criteria of 40 CFR Part 64 in accordance with 40 CFR § 70.6(a)(3)(i)(A) and 30 TAC § 122.604(b).

With the exception of any emission units listed in the Periodic Monitoring or CAM Summaries in the FOP, the TCEQ Executive Director has determined that the permit contains sufficient monitoring, testing, recordkeeping, and reporting requirements that assure compliance with the applicable requirements. If applicable, each emission unit that requires additional monitoring in the form of periodic monitoring or CAM is described in further detail under the Rationale for CAM/PM Methods Selected section following this paragraph.

**Rationale for Compliance Assurance Monitoring (CAM)/ Periodic Monitoring Methods Selected**

**Compliance Assurance Monitoring (CAM):**

Compliance Assurance Monitoring (CAM) is a federal monitoring program established under Title 40 Code of Federal Regulations Part 64 (40 CFR Part 64).

Emission units are subject to CAM requirements if they meet the following criteria:

1. the emission unit is subject to an emission limitation or standard for an air pollutant (or surrogate thereof) in an applicable requirement;

2. the emission unit uses a control device to achieve compliance with the emission limitation or standard specified in the applicable requirement; and

3. the emission unit has the pre-control device potential to emit greater than or equal to the amount in tons per year for a site to be classified as a major source.

The following table(s) identify the emission unit(s) that are subject to CAM:

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: 3-95-3 | |
| Control Device ID No.: 3-95-3 | Control Device Type: Wet Scrubber |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 111, Nonagricultural Processes | SOP Index No.: R1151 |
| Pollutant: PM | Main Standard: § 111.151(a) |
| **Monitoring Information** | |
| Indicator: Liquid Flow Rate and Gas Flow Rate | |
| Minimum Frequency: four times per hour | |
| Averaging Period: one hour | |
| Deviation Limit: Minimum Liquid-to-Gas Ratio (L/G) of 0.078 gpm/dscfm | |
| Basis of CAM: A common way to control particulate emissions is by use of a wet scrubber. The option to monitor the ratio of the liquid to gas flow rate may indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles or the need to adjust the variable throat opening (if applicable). Similar type monitoring for wet scrubbers is commonly required in federal rules including 40 CFR Part 60, Subparts Y, HH, LL, NN, OOO, and PPP. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 3-95-3 | |
| Control Device ID No.: 3-95-3 | Control Device Type: Wet Scrubber |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 111, Nonagricultural Processes | SOP Index No.: R1151 |
| Pollutant: PM | Main Standard: § 111.151(a) |
| **Monitoring Information** | |
| Indicator: Pressure Drop | |
| Minimum Frequency: four times per hour | |
| Averaging Period: one hour | |
| Deviation Limit: Maintain the pressure drop across the filter at 14.2 inches of water column or greater | |

Basis of CAM: Pressure drop and liquid supply pressure can indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles, or the need to adjust the variable throat opening (if applicable). Because the pressure drop through the scrubber can be affected by the gas flow rate, the liquid flow rate and the size of the throat opening, monitoring two parameters such as pressure drop and liquid supply pressure will help identify any potential problems with the control device. Monitoring pressure drop and liquid supply pressure for wet scrubbers is commonly required in federal rules including 40 CFR Part 60, Subparts Y (Standards of Performance for Coal Preparation Plants), HH, LL (Standards of Performance for Metallic Mineral Processing Plants), NN (Standards of Performance for Phosphate Rock Plants), OOO (Standards of Performance for Nonmetallic Mineral Processing Plants), and PPP (Standards of Performance for Wool Fiberglass Insulation Manufacturing Plants).

Monitoring specifications and procedures include accuracy and calibration requirements for the monitoring device. For consistency with monitoring devices commonly used in industry, accuracy requirements were based on existing requirements in federal rules including 40 CFR Part 60, Subparts Y, HH, LL, NN, OOO, and PPP and monitoring equipment manufacturer's catalogs. Annual calibration of monitoring equipment is consistent with federal rules including 40 CFR Part 60, Subparts Y, LL, and OOO.

Consistent with 40 CFR Part 64, monitoring frequencies of four times per hour are specified for large emission units. An averaging time of one hour for options that include a continuous monitoring system, other than a COMS, is consistent with the existing federal requirement in 40 CFR § 60.13(h), governing sources subject to 40 CFR Part 60.

| Unit/Group/Process Information | |
|---|---|
| ID No.: 3-95-3 | |
| Control Device ID No.: 3-95-3 | Control Device Type: Wet Scrubber |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 111, Nonagricultural Processes | SOP Index No.: R1151 |
| Pollutant: PM | Main Standard: § 111.151(a) |
| **Monitoring Information** | |
| Indicator: Liquid Supply Pressure | |
| Minimum Frequency: four times per hour | |
| Averaging Period: one hour | |
| Deviation Limit: Pressure to the nozzle shall be 39.0 psig or greater | |

Basis of CAM: Pressure drop and liquid supply pressure can indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles, or the need to adjust the variable throat opening (if applicable). Because the pressure drop through the scrubber can be affected by the gas flow rate, the liquid flow rate and the size of the throat opening, monitoring two parameters such as pressure drop and liquid supply pressure will help identify any potential problems with the control device. Monitoring pressure drop and liquid supply pressure for wet scrubbers is commonly required in federal rules including 40 CFR Part 60, Subparts Y (Standards of Performance for Coal Preparation Plants), HH, LL (Standards of Performance for Metallic Mineral Processing Plants), NN (Standards of Performance for Phosphate Rock Plants), OOO (Standards of Performance for Nonmetallic Mineral Processing Plants), and PPP (Standards of Performance for Wool Fiberglass Insulation Manufacturing Plants).

Monitoring specifications and procedures include accuracy and calibration requirements for the monitoring device. For consistency with monitoring devices commonly used in industry, accuracy requirements were based on existing requirements in federal rules including 40 CFR Part 60, Subparts Y, HH, LL, NN, OOO, and PPP and monitoring equipment manufacturer's catalogs. Annual calibration of monitoring equipment is consistent with federal rules including 40 CFR Part 60, Subparts Y, LL, and OOO.

Consistent with 40 CFR Part 64, monitoring frequencies of four times per hour are specified for large emission units. An averaging time of one hour for options that include a continuous monitoring system, other than a COMS, is consistent with the existing federal requirement in 40 CFR § 60.13(h), governing sources subject to 40 CFR Part 60.

| Unit/Group/Process Information | |
|---|---|
| ID No.: 3-95-3 | |
| Control Device ID No.: 3-95-3 | Control Device Type: Wet Scrubber |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart J | SOP Index No.: 60J-1 |
| Pollutant: PM | Main Standard: § 60.102(a)(1) |
| **Monitoring Information** | |
| Indicator: Pressure Drop | |
| Minimum Frequency: four times per hour | |
| Averaging Period: one hour | |
| Deviation Limit: Maintain the pressure drop across the filter at 14.2 inches of water column or greater | |

Basis of CAM: Pressure drop and liquid supply pressure can indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles, or the need to adjust the variable throat opening (if applicable). Because the pressure drop through the scrubber can be affected by the gas flow rate, the liquid flow rate and the size of the throat opening, monitoring two parameters such as pressure drop and liquid supply pressure will help identify any potential problems with the control device. Monitoring pressure drop and liquid supply pressure for wet scrubbers is commonly required in federal rules including 40 CFR Part 60, Subparts Y (Standards of Performance for Coal Preparation Plants), HH, LL (Standards of Performance for Metallic Mineral Processing Plants), NN (Standards of Performance for Phosphate Rock Plants), OOO (Standards of Performance for Nonmetallic Mineral Processing Plants), and PPP (Standards of Performance for Wool Fiberglass Insulation Manufacturing Plants).

Monitoring specifications and procedures include accuracy and calibration requirements for the monitoring device. For consistency with monitoring devices commonly used in industry, accuracy requirements were based on existing requirements in federal rules including 40 CFR Part 60, Subparts Y, HH, LL, NN, OOO, and PPP and monitoring equipment manufacturer's catalogs. Annual calibration of monitoring equipment is consistent with federal rules including 40 CFR Part 60, Subparts Y, LL, and OOO.

Consistent with 40 CFR Part 64, monitoring frequencies of four times per hour are specified for large emission units. An averaging time of one hour for options that include a continuous monitoring system, other than a COMS, is consistent with the existing federal requirement in 40 CFR § 60.13(h), governing sources subject to 40 CFR Part 60.

| Unit/Group/Process Information | |
|---|---|
| ID No.: 3-95-3 | |
| Control Device ID No.: 3-95-3 | Control Device Type: Wet Scrubber |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart J | SOP Index No.: 60J-1 |
| Pollutant: PM | Main Standard: § 60.102(a)(1) |
| **Monitoring Information** | |
| Indicator: Liquid Supply Pressure | |
| Minimum Frequency: four times per hour | |
| Averaging Period: one hour | |
| Deviation Limit: Pressure to the nozzle shall be 39.0 psig or greater | |

Basis of CAM: Pressure drop and liquid supply pressure can indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles, or the need to adjust the variable throat opening (if applicable). Because the pressure drop through the scrubber can be affected by the gas flow rate, the liquid flow rate and the size of the throat opening, monitoring two parameters such as pressure drop and liquid supply pressure will help identify any potential problems with the control device. Monitoring pressure drop and liquid supply pressure for wet scrubbers is commonly required in federal rules including 40 CFR Part 60, Subparts Y (Standards of Performance for Coal Preparation Plants), HH, LL (Standards of Performance for Metallic Mineral Processing Plants), NN (Standards of Performance for Phosphate Rock Plants), OOO (Standards of Performance for Nonmetallic Mineral Processing Plants), and PPP (Standards of Performance for Wool Fiberglass Insulation Manufacturing Plants).

Monitoring specifications and procedures include accuracy and calibration requirements for the monitoring device. For consistency with monitoring devices commonly used in industry, accuracy requirements were based on existing requirements in federal rules including 40 CFR Part 60, Subparts Y, HH, LL, NN, OOO, and PPP and monitoring equipment manufacturer's catalogs. Annual calibration of monitoring equipment is consistent with federal rules including 40 CFR Part 60, Subparts Y, LL, and OOO.

Consistent with 40 CFR Part 64, monitoring frequencies of four times per hour are specified for large emission units. An averaging time of one hour for options that include a continuous monitoring system, other than a COMS, is consistent with the existing federal requirement in 40 CFR § 60.13(h), governing sources subject to 40 CFR Part 60.

| Unit/Group/Process Information | |
|---|---|
| ID No.: 3-95-3 | |
| Control Device ID No.: 3-95-3 | Control Device Type: Wet Scrubber |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart J | SOP Index No.: 60J-1 |
| Pollutant: PM | Main Standard: § 60.102(a)(1) |
| **Monitoring Information** | |
| Indicator: Liquid Flow Rate and Gas Flow Rate | |
| Minimum Frequency: four times per hour | |
| Averaging Period: one hour | |
| Deviation Limit: Minimum Liquid-to-Gas Ratio (L/G) of 0.078 gpm/dscfm | |
| Basis of CAM: A common way to control particulate emissions is by use of a wet scrubber. The option to monitor the ratio of the liquid to gas flow rate may indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles or the need to adjust the variable throat opening (if applicable). Similar type monitoring for wet scrubbers is commonly required in federal rules including 40 CFR Part 60, Subparts Y, HH, LL, NN, OOO, and PPP. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 3-95-3 | |
| Control Device ID No.: 3-95-3 | Control Device Type: Wet Scrubber |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart J | SOP Index No.: 60J-1 |
| Pollutant: PM (Opacity) | Main Standard: § 60.102(a)(2) |
| **Monitoring Information** | |
| Indicator: Pressure Drop | |
| Minimum Frequency: four times per hour | |
| Averaging Period: one hour | |
| Deviation Limit: Maintain the pressure drop across the filter at 14.2 inches of water column or greater | |
| Basis of CAM: Pressure drop and liquid supply pressure can indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles, or the need to adjust the variable throat opening (if applicable). Because the pressure drop through the scrubber can be affected by the gas flow rate, the liquid flow rate and the size of the throat opening, monitoring two parameters such as pressure drop and liquid supply pressure will help identify any potential problems with the control device. Monitoring pressure drop and liquid supply pressure for wet scrubbers is commonly required in federal rules including 40 CFR Part 60, Subparts Y (Standards of Performance for Coal Preparation Plants), HH, LL (Standards of Performance for Metallic Mineral Processing Plants), NN (Standards of Performance for Phosphate Rock Plants), OOO (Standards of Performance for Nonmetallic Mineral Processing Plants), and PPP (Standards of Performance for Wool Fiberglass Insulation Manufacturing Plants).<br><br>Monitoring specifications and procedures include accuracy and calibration requirements for the monitoring device. For consistency with monitoring devices commonly used in industry, accuracy requirements were based on existing requirements in federal rules including 40 CFR Part 60, Subparts Y, HH, LL, NN, OOO, and PPP and monitoring equipment manufacturer's catalogs. Annual calibration of monitoring equipment is consistent with federal rules including 40 CFR Part 60, Subparts Y, LL, and OOO.<br><br>Consistent with 40 CFR Part 64, monitoring frequencies of four times per hour are specified for large emission units. An averaging time of one hour for options that include a continuous monitoring system, other than a COMS, is consistent with the existing federal requirement in 40 CFR § 60.13(h), governing sources subject to 40 CFR Part 60. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 3-95-3 | |
| Control Device ID No.: 3-95-3 | Control Device Type: Wet Scrubber |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart J | SOP Index No.: 60J-1 |
| Pollutant: PM (Opacity) | Main Standard: § 60.102(a)(2) |
| **Monitoring Information** | |
| Indicator: Liquid Supply Pressure | |
| Minimum Frequency: four times per hour | |
| Averaging Period: one hour | |
| Deviation Limit: Pressure to the nozzle shall be 39.0 psig or greater | |

Basis of CAM: Pressure drop and liquid supply pressure can indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles, or the need to adjust the variable throat opening (if applicable). Because the pressure drop through the scrubber can be affected by the gas flow rate, the liquid flow rate and the size of the throat opening, monitoring two parameters such as pressure drop and liquid supply pressure will help identify any potential problems with the control device. Monitoring pressure drop and liquid supply pressure for wet scrubbers is commonly required in federal rules including 40 CFR Part 60, Subparts Y (Standards of Performance for Coal Preparation Plants), HH, LL (Standards of Performance for Metallic Mineral Processing Plants), NN (Standards of Performance for Phosphate Rock Plants), OOO (Standards of Performance for Nonmetallic Mineral Processing Plants), and PPP (Standards of Performance for Wool Fiberglass Insulation Manufacturing Plants).

Monitoring specifications and procedures include accuracy and calibration requirements for the monitoring device. For consistency with monitoring devices commonly used in industry, accuracy requirements were based on existing requirements in federal rules including 40 CFR Part 60, Subparts Y, HH, LL, NN, OOO, and PPP and monitoring equipment manufacturer's catalogs. Annual calibration of monitoring equipment is consistent with federal rules including 40 CFR Part 60, Subparts Y, LL, and OOO.

Consistent with 40 CFR Part 64, monitoring frequencies of four times per hour are specified for large emission units. An averaging time of one hour for options that include a continuous monitoring system, other than a COMS, is consistent with the existing federal requirement in 40 CFR § 60.13(h), governing sources subject to 40 CFR Part 60.

| Unit/Group/Process Information | |
|---|---|
| ID No.: 3-95-3 | |
| Control Device ID No.: 3-95-3 | Control Device Type: Wet Scrubber |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart J | SOP Index No.: 60J-1 |
| Pollutant: PM (Opacity) | Main Standard: § 60.102(a)(2) |
| **Monitoring Information** | |
| Indicator: Liquid Flow Rate and Gas Flow Rate | |
| Minimum Frequency: four times per hour | |
| Averaging Period: one hour | |
| Deviation Limit: Minimum Liquid-to-Gas Ratio (L/G) of 0.078 gpm/dscfm | |
| Basis of CAM: A common way to control particulate emissions is by use of a wet scrubber. The option to monitor the ratio of the liquid to gas flow rate may indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles or the need to adjust the variable throat opening (if applicable). Similar type monitoring for wet scrubbers is commonly required in federal rules including 40 CFR Part 60, Subparts Y, HH, LL, NN, OOO, and PPP. | |

**Periodic Monitoring:**

The Federal Clean Air Act requires that each federal operating permit include monitoring sufficient to assure compliance with the terms and conditions of the permit. Most of the emission limits and standards applicable to emission units at Title V sources include adequate monitoring to show that the units meet the limits and standards. For those requirements that do not include monitoring, or where the monitoring is not sufficient to assure compliance, the federal operating permit must include such monitoring for the emission units affected. The following emission units are subject to periodic monitoring requirements because the emission units are subject to an emission limitation or standard for an air pollutant (or surrogate thereof) in an applicable requirement that does not already require monitoring, or the monitoring for the applicable requirement is not sufficient to assure compliance:

| **Unit/Group/Process Information** | |
|---|---|
| ID No.: 11-36-1 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 111, Visible Emissions | SOP Index No.: R1111 |
| Pollutant: Opacity | Main Standard: § 111.111(a)(1)(A) |
| **Monitoring Information** | |
| Indicator: Visible Emissions | |
| Minimum Frequency: once per calendar quarter | |
| Averaging Period: n/a | |
| Deviation Limit: The presence of visible emissions shall be reported as a deviation if a Test Method 9 reading is not performed. If an opacity reading is performed, any reading exceeding 30% shall be reported as a deviation. | |
| Basis of monitoring:<br>The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 11-36-5 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 111, Visible Emissions | SOP Index No.: R1111 |
| Pollutant: Opacity | Main Standard: § 111.111(a)(1)(A) |
| **Monitoring Information** | |
| Indicator: Visible Emissions | |
| Minimum Frequency: once per calendar quarter | |
| Averaging Period: n/a | |
| Deviation Limit: The presence of visible emissions shall be reported as a deviation if a Test Method 9 reading is not performed. If an opacity reading is performed, any reading exceeding 30% shall be reported as a deviation. | |
| Basis of monitoring:<br>The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 121-95-1 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: R5112-3 |
| Pollutant: VOC | Main Standard: § 115.112(e)(1) |
| **Monitoring Information** | |
| Indicator: Structural Integrity of the Pipe | |
| Minimum Frequency: Emptied and degassed | |
| Averaging Period: n/a | |
| Deviation Limit: Not completing repairs prior refilling of tank. | |
| Basis of monitoring:<br>The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere. This approach was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 121-95-1 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 115, Storage of VOCs | SOP Index No.: R5112-3 |
| Pollutant: VOC | Main Standard: § 115.112(e)(1) |
| **Monitoring Information** | |
| Indicator: Record of Tank Construction Specifications | |
| Minimum Frequency: n/a | |
| Averaging Period: n/a | |
| Deviation Limit: Not keeping records of tank construction specifications. | |
| Basis of monitoring:<br>The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere. This approach was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 14-36-3 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 111, Visible Emissions | SOP Index No.: R1111 |
| Pollutant: Opacity | Main Standard: § 111.111(a)(1)(A) |
| **Monitoring Information** | |
| Indicator: Visible Emissions | |
| Minimum Frequency: once per calendar quarter | |
| Averaging Period: n/a | |
| Deviation Limit: The presence of visible emissions shall be reported as a deviation if a Test Method 9 reading is not performed. If an opacity reading is performed, any reading exceeding 30% shall be reported as a deviation. | |
| Basis of monitoring:<br>The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 14-36-4 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 111, Visible Emissions | SOP Index No.: R1111 |
| Pollutant: Opacity | Main Standard: § 111.111(a)(1)(A) |
| **Monitoring Information** | |
| Indicator: Visible Emissions | |
| Minimum Frequency: once per calendar quarter | |
| Averaging Period: n/a | |
| Deviation Limit: The presence of visible emissions shall be reported as a deviation if a Test Method 9 reading is not performed. If an opacity reading is performed, any reading exceeding 30% shall be reported as a deviation. | |
| Basis of monitoring:<br>The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 15-36-2 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 111, Visible Emissions | SOP Index No.: R1111 |
| Pollutant: Opacity | Main Standard: § 111.111(a)(1)(A) |
| **Monitoring Information** | |
| Indicator: Visible Emissions | |
| Minimum Frequency: once per calendar quarter | |
| Averaging Period: n/a | |
| Deviation Limit: The presence of visible emissions shall be reported as a deviation if a Test Method 9 reading is not performed. If an opacity reading is performed, any reading exceeding 30% shall be reported as a deviation. | |
| Basis of monitoring:<br>The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 15-36-3 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 111, Visible Emissions | SOP Index No.: R1111 |
| Pollutant: Opacity | Main Standard: § 111.111(a)(1)(A) |
| **Monitoring Information** | |
| Indicator: Visible Emissions | |
| Minimum Frequency: once per calendar quarter | |
| Averaging Period: n/a | |
| Deviation Limit: The presence of visible emissions shall be reported as a deviation if a Test Method 9 reading is not performed. If an opacity reading is performed, any reading exceeding 30% shall be reported as a deviation. | |
| Basis of monitoring:<br>The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 20-36-1 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 111, Visible Emissions | SOP Index No.: R1111 |
| Pollutant: Opacity | Main Standard: § 111.111(a)(1)(A) |
| **Monitoring Information** | |
| Indicator: Visible Emissions | |
| Minimum Frequency: once per calendar quarter | |
| Averaging Period: n/a | |
| Deviation Limit: The presence of visible emissions shall be reported as a deviation if a Test Method 9 reading is not performed. If an opacity reading is performed, any reading exceeding 30% shall be reported as a deviation. | |
| Basis of monitoring:<br>The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 28.2-36-2 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 112, Sulfur Compounds | SOP Index No.: R200-1 |
| Pollutant: $SO_2$ | Main Standard: § 112.7(a) |
| **Monitoring Information** | |
| Indicator: SO2 Concentration | |
| Minimum Frequency: Four times per hour | |
| Averaging Period: Hourly | |
| Deviation Limit: Monitoring data which indicates that the SO2 concentration exceeds the lb/hr limit in 30 TAC § 112.7(a) shall be considered and reported as a deviation. | |
| Basis of monitoring:<br>It is widely practiced and accepted to calibrate and use a portable analyzer or CEMS to measure SO2 concentration with procedures such as EPA Test Method 6C. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 29.2-36-101.1 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 111, Visible Emissions | SOP Index No.: R1111-29.2-1 |
| Pollutant: Opacity | Main Standard: § 111.111(a)(1)(B) |
| **Monitoring Information** | |
| Indicator: Visible Emissions | |
| Minimum Frequency: once per calendar quarter | |
| Averaging Period: n/a | |
| Deviation Limit: Maximum Opacity = 20% | |
| Basis of monitoring:<br>The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 3-36-4 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 111, Visible Emissions | SOP Index No.: R1111 |
| Pollutant: Opacity | Main Standard: § 111.111(a)(1)(A) |
| **Monitoring Information** | |
| Indicator: Visible Emissions | |
| Minimum Frequency: once per calendar quarter | |
| Averaging Period: n/a | |
| Deviation Limit: The presence of visible emissions shall be reported as a deviation if a Test Method 9 reading is not performed. If an opacity reading is performed, any reading exceeding 30% shall be reported as a deviation. | |
| Basis of monitoring:<br>The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 39.1-95-118 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 112, Sulfur Compounds | SOP Index No.: R200-1 |
| Pollutant: $SO_2$ | Main Standard: § 112.7(a) |
| **Monitoring Information** | |
| Indicator: SO2 Concentration | |
| Minimum Frequency: Four times per hour | |
| Averaging Period: Hourly | |
| Deviation Limit: Monitoring data which indicates that the SO2 concentration exceeds the allowable lb/hr limit in 30 TAC § 112.7(a) shall be considered and reported as a deviation. | |
| Basis of monitoring:<br>It is widely practiced and accepted to calibrate and use a portable analyzer or CEMS to measure SO2 concentration with procedures such as EPA Test Method 6C. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-100 | |
| Control Device ID No.: 56-61-152 | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-05 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: VOC Concentration | |
| Minimum Frequency: Once per year | |
| Averaging Period: n/a | |
| Deviation Limit: VOC fugitive emissions equal to or greater than 500 ppm above background shall be reported as a deviation. | |
| Basis of monitoring:<br>It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-100 | |
| Control Device ID No.: 56-61-152 | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-05 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: Visual Inspection | |
| Minimum Frequency: Once per year | |
| Averaging Period: n/a | |
| Deviation Limit: Defects detected in the closed vent system shall be reported as a deviation. | |
| Basis of monitoring:<br>It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and a recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-100 | |
| Control Device ID No.: 56-61-152 | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-05 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: Combustion Temperature / Exhaust Gas Temperature | |
| Minimum Frequency: Once per week | |
| Averaging Period: n/a* | |
| Deviation Limit: Minimum Temperature = 1400 degrees F | |
| Basis of monitoring:<br>It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115. | |

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-100 | |
| Control Device ID No.: RTO BACKUP | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-06 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: VOC Concentration | |
| Minimum Frequency: Once per year | |
| Averaging Period: n/a | |
| Deviation Limit: VOC fugitive emissions equal to or greater than 500 ppm above background shall be reported as a deviation. | |
| Basis of monitoring:<br>It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-100 | |
| Control Device ID No.: RTO BACKUP | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-06 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: Visual Inspection | |
| Minimum Frequency: Once per year | |
| Averaging Period: n/a | |
| Deviation Limit: Defects detected in the closed vent system shall be reported as a deviation. | |
| Basis of monitoring:<br>It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and a recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-100 | |
| Control Device ID No.: RTO BACKUP | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-06 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: Combustion Temperature / Exhaust Gas Temperature | |
| Minimum Frequency: Once per week | |
| Averaging Period: n/a* | |
| Deviation Limit: Minimum Temperature = 1400 degrees F | |
| Basis of monitoring:<br>It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115. | |

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-69 | |
| Control Device ID No.: 56-61-152 | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-05 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: VOC Concentration | |
| Minimum Frequency: Once per year | |
| Averaging Period: n/a | |
| Deviation Limit: VOC fugitive emissions equal to or greater than 500 ppm above background shall be reported as a deviation. | |
| Basis of monitoring:<br>It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-69 | |
| Control Device ID No.: 56-61-152 | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-05 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: Visual Inspection | |
| Minimum Frequency: Once per year | |
| Averaging Period: n/a | |
| Deviation Limit: Defects detected in the closed vent system shall be reported as a deviation. | |
| Basis of monitoring:<br>It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and a recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-69 | |
| Control Device ID No.: 56-61-152 | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-05 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: Combustion Temperature / Exhaust Gas Temperature | |
| Minimum Frequency: Once per week | |
| Averaging Period: n/a* | |
| Deviation Limit: Minimum Temperature = 1400 degrees F | |
| Basis of monitoring:<br>It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115. | |

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-69 | |
| Control Device ID No.: RTO BACKUP | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-06 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: VOC Concentration | |
| Minimum Frequency: Once per year | |
| Averaging Period: n/a | |
| Deviation Limit: VOC fugitive emissions equal to or greater than 500 ppm above background shall be reported as a deviation. | |
| Basis of monitoring:<br>It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-69 | |
| Control Device ID No.: RTO BACKUP | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-06 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: Visual Inspection | |
| Minimum Frequency: Once per year | |
| Averaging Period: n/a | |
| Deviation Limit: Defects detected in the closed vent system shall be reported as a deviation. | |
| Basis of monitoring:<br>It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and a recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-69 | |
| Control Device ID No.: RTO BACKUP | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-06 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: Combustion Temperature / Exhaust Gas Temperature | |
| Minimum Frequency: Once per week | |
| Averaging Period: n/a* | |
| Deviation Limit: Minimum Temperature = 1400 degrees F | |
| Basis of monitoring:<br>It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115. | |

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-94 | |
| Control Device ID No.: 56-61-152 | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-05 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: VOC Concentration | |
| Minimum Frequency: Once per year | |
| Averaging Period: n/a | |
| Deviation Limit: VOC fugitive emissions equal to or greater than 500 ppm above background shall be reported as a deviation. | |
| Basis of monitoring:<br>It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-94 | |
| Control Device ID No.: 56-61-152 | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-05 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: Visual Inspection | |
| Minimum Frequency: Once per year | |
| Averaging Period: n/a | |
| Deviation Limit: Defects detected in the closed vent system shall be reported as a deviation. | |
| Basis of monitoring:<br>It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and a recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-94 | |
| Control Device ID No.: 56-61-152 | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-05 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: Combustion Temperature / Exhaust Gas Temperature | |
| Minimum Frequency: Once per week | |
| Averaging Period: n/a* | |
| Deviation Limit: Minimum Temperature = 1400 degrees F | |
| Basis of monitoring:<br>It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115. | |

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-94 | |
| Control Device ID No.: RTO BACKUP | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-06 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: VOC Concentration | |
| Minimum Frequency: Once per year | |
| Averaging Period: n/a | |
| Deviation Limit: VOC fugitive emissions equal to or greater than 500 ppm above background shall be reported as a deviation. | |
| Basis of monitoring:<br>It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-94 | |
| Control Device ID No.: RTO BACKUP | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-06 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: Visual Inspection | |
| Minimum Frequency: Once per year | |
| Averaging Period: n/a | |
| Deviation Limit: Defects detected in the closed vent system shall be reported as a deviation. | |
| Basis of monitoring:<br>It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and a recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-94 | |
| Control Device ID No.: RTO BACKUP | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-06 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: Combustion Temperature / Exhaust Gas Temperature | |
| Minimum Frequency: Once per week | |
| Averaging Period: n/a* | |
| Deviation Limit: Minimum Temperature = 1400 degrees F | |
| Basis of monitoring:<br>It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115. | |

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-95 | |
| Control Device ID No.: 56-61-152 | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-05 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: VOC Concentration | |
| Minimum Frequency: Once per year | |
| Averaging Period: n/a | |
| Deviation Limit: VOC fugitive emissions equal to or greater than 500 ppm above background shall be reported as a deviation. | |
| Basis of monitoring:<br>It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-95 | |
| Control Device ID No.: 56-61-152 | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-05 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: Visual Inspection | |
| Minimum Frequency: Once per year | |
| Averaging Period: n/a | |
| Deviation Limit: Defects detected in the closed vent system shall be reported as a deviation. | |
| Basis of monitoring:<br>It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and a recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-95 | |
| Control Device ID No.: 56-61-152 | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-05 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: Combustion Temperature / Exhaust Gas Temperature | |
| Minimum Frequency: Once per week | |
| Averaging Period: n/a* | |
| Deviation Limit: Minimum Temperature = 1400 degrees F | |
| Basis of monitoring:<br>It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115. | |

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-95 | |
| Control Device ID No.: RTO BACKUP | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-06 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: VOC Concentration | |
| Minimum Frequency: Once per year | |
| Averaging Period: n/a | |
| Deviation Limit: VOC fugitive emissions equal to or greater than 500 ppm above background shall be reported as a deviation. | |
| Basis of monitoring:<br>It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-95 | |
| Control Device ID No.: RTO BACKUP | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-06 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: Visual Inspection | |
| Minimum Frequency: Once per year | |
| Averaging Period: n/a | |
| Deviation Limit: Defects detected in the closed vent system shall be reported as a deviation. | |
| Basis of monitoring:<br>It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and a recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-95 | |
| Control Device ID No.: RTO BACKUP | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-06 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: Combustion Temperature / Exhaust Gas Temperature | |
| Minimum Frequency: Once per week | |
| Averaging Period: n/a* | |
| Deviation Limit: Minimum Temperature = 1400 degrees F | |
| Basis of monitoring:<br>It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115. | |

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-99 | |
| Control Device ID No.: 56-61-152 | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-05 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: VOC Concentration | |
| Minimum Frequency: Once per year | |
| Averaging Period: n/a | |
| Deviation Limit: VOC fugitive emissions equal to or greater than 500 ppm above background shall be reported as a deviation. | |
| Basis of monitoring:<br>It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-99 | |
| Control Device ID No.: 56-61-152 | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-05 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: Visual Inspection | |
| Minimum Frequency: Once per year | |
| Averaging Period: n/a | |
| Deviation Limit: Defects detected in the closed vent system shall be reported as a deviation. | |
| Basis of monitoring:<br>It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and a recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-99 | |
| Control Device ID No.: 56-61-152 | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-05 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: Combustion Temperature / Exhaust Gas Temperature | |
| Minimum Frequency: Once per week | |
| Averaging Period: n/a* | |
| Deviation Limit: Minimum Temperature = 1400 degrees F | |
| Basis of monitoring:<br>It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115. | |

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-99 | |
| Control Device ID No.: RTO BACKUP | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-06 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: VOC Concentration | |
| Minimum Frequency: Once per year | |
| Averaging Period: n/a | |
| Deviation Limit: VOC fugitive emissions equal to or greater than 500 ppm above background shall be reported as a deviation. | |
| Basis of monitoring:<br>It is widely practiced and accepted to monitor the VOC concentration at the outlet of a control device by use of a portable analyzer with procedures such as EPA Test Method 25A or a VOC CEMS. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Outlet VOC concentration has been used as an indicator of VOC emissions in many federal rules including 40 CFR Part 60, Subpart III, 40 CFR Part 60, Subpart NNN, 40 CFR Part 60, Subpart RRR, 40 CFR Part 61, Subpart BB, 40 CFR Part 61, Subpart FF, 40 CFR Part 63, Subpart R, 40 CFR Part 63, Subpart DD, and 40 CFR Part 63, Subpart HH. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-99 | |
| Control Device ID No.: RTO BACKUP | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-06 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: Visual Inspection | |
| Minimum Frequency: Once per year | |
| Averaging Period: n/a | |
| Deviation Limit: Defects detected in the closed vent system shall be reported as a deviation. | |
| Basis of monitoring:<br>It is widely practiced and accepted to use work practice as a monitoring option to demonstrate compliance. Preventive maintenance and visual inspections of control equipment, as recommended by the manufacturer, conducted by the owner or operator can ensure that the unit is operating properly. The work practice requirements prescribe that preventive maintenance and/or visual inspections be performed and a recorded in a log. This option assures that the owner or operator is adequately maintaining the control equipment. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 56-95-99 | |
| Control Device ID No.: RTO BACKUP | Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer) |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Kb | SOP Index No.: 60Kb-06 |
| Pollutant: VOC | Main Standard: [G]§ 60.112b(a)(3) |
| **Monitoring Information** | |
| Indicator: Combustion Temperature / Exhaust Gas Temperature | |
| Minimum Frequency: Once per week | |
| Averaging Period: n/a* | |
| Deviation Limit: Minimum Temperature = 1400 degrees F | |
| Basis of monitoring:<br>It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115. | |

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

| Unit/Group/Process Information | |
|---|---|
| ID No.: 68-95-412 | |
| Control Device ID No.: 56-61-1 | Control Device Type: Flare |
| **Applicable Regulatory Requirement** | |
| Name: 40 CFR Part 60, Subpart Ka | SOP Index No.: 60Ka-7 |
| Pollutant: VOC | Main Standard: § 60.112a(a)(3) |
| **Monitoring Information** | |
| Indicator: Pilot Flame | |
| Minimum Frequency: Once per hour | |
| Averaging Period: n/a | |
| Deviation Limit: The loss of all pilot flames shall be reported as a deviation. | |
| Basis of monitoring:<br>It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH. | |

| Unit/Group/Process Information | |
|---|---|
| ID No.: 9-36-4 | |
| Control Device ID No.: N/A | Control Device Type: N/A |
| **Applicable Regulatory Requirement** | |
| Name: 30 TAC Chapter 111, Visible Emissions | SOP Index No.: R1111 |
| Pollutant: Opacity | Main Standard: § 111.111(a)(1)(A) |
| **Monitoring Information** | |
| Indicator: Visible Emissions | |
| Minimum Frequency: once per calendar quarter | |
| Averaging Period: n/a | |
| Deviation Limit: The presence of visible emissions shall be reported as a deviation if a Test Method 9 reading is not performed. If an opacity reading is performed, any reading exceeding 30% shall be reported as a deviation. | |
| Basis of monitoring:<br>The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations. The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures. | |

**Compliance Review**

**Compliance History Review**

1. In accordance with 30 TAC Chapter 60, the compliance history was reviewed on ..... **6/15/15**
   Site rating: **4.12 / Satisfactory** Company rating: **12.76 / Satisfactory**
   *(High < 0.10; Satisfactory ≥ 0.10 and ≤ 55; Unsatisfactory > 55)*
2. Has the permit changed on the basis of the compliance history or site/company rating? ..... **No**

**Site/Permit Area Compliance Status Review**

1. Were there any out-of-compliance units listed on Form OP-ACPS? ..... **Yes**
2. Is a compliance plan and schedule included in the permit? ..... **Yes**

A compliance plan is included in the Title V permit for emission unit 27.1-36-RE for the submittal of a permit amendment to NSR permit 80806 to authorize MSS emissions from the Unit 27 FCCU.

**Available Unit Attribute Forms**

OP-UA1 - Miscellaneous and Generic Unit Attributes
OP-UA2 - Stationary Reciprocating Internal Combustion Engine Attributes
OP-UA3 - Storage Tank/Vessel Attributes
OP-UA4 - Loading/Unloading Operations Attributes
OP-UA5 - Process Heater/Furnace Attributes
OP-UA6 - Boiler/Steam Generator/Steam Generating Unit Attributes
OP-UA7 - Flare Attributes
OP-UA8 - Coal Preparation Plant Attributes
OP-UA9 - Nonmetallic Mineral Process Plant Attributes
OP-UA10 - Gas Sweetening/Sulfur Recovery Unit Attributes
OP-UA11 - Stationary Turbine Attributes
OP-UA12 - Fugitive Emission Unit Attributes
OP-UA13 - Industrial Process Cooling Tower Attributes
OP-UA14 - Water Separator Attributes
OP-UA15 - Emission Point/Stationary Vent/Distillation Operation/Process Vent Attributes
OP-UA16 - Solvent Degreasing Machine Attributes
OP-UA17 - Distillation Unit Attributes
OP-UA18 - Surface Coating Operations Attributes
OP-UA19 - Wastewater Unit Attributes
OP-UA20 - Asphalt Operations Attributes
OP-UA21 - Grain Elevator Attributes
OP-UA22 - Printing Attributes
OP-UA24 - Wool Fiberglass Insulation Manufacturing Plant Attributes
OP-UA25 - Synthetic Fiber Production Attributes
OP-UA26 - Electroplating and Anodizing Unit Attributes
OP-UA27 - Nitric Acid Manufacturing Attributes
OP-UA28 - Polymer Manufacturing Attributes
OP-UA29 - Glass Manufacturing Unit Attributes
OP-UA30 - Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mill Attributes
OP-UA31 - Lead Smelting Attributes
OP-UA32 - Copper and Zinc Smelting/Brass and Bronze Production Attributes
OP-UA33 - Metallic Mineral Processing Plant Attributes
OP-UA34 - Pharmaceutical Manufacturing
OP-UA35 - Incinerator Attributes
OP-UA36 - Steel Plant Unit Attributes

OP-UA37 - Basic Oxygen Process Furnace Unit Attributes
OP-UA38 - Lead-Acid Battery Manufacturing Plant Attributes
OP-UA39 - Sterilization Source Attributes
OP-UA40 - Ferroalloy Production Facility Attributes
OP-UA41 - Dry Cleaning Facility Attributes
OP-UA42 - Phosphate Fertilizer Manufacturing Attributes
OP-UA43 - Sulfuric Acid Production Attributes
OP-UA44 - Municipal Solid Waste Landfill/Waste Disposal Site Attributes
OP-UA45 - Surface Impoundment Attributes
OP-UA46 - Epoxy Resins and Non-Nylon Polyamides Production Attributes
OP-UA47 - Ship Building and Ship Repair Unit Attributes
OP-UA48 - Air Oxidation Unit Process Attributes
OP-UA49 - Vacuum-Producing System Attributes
OP-UA50 - Fluid Catalytic Cracking Unit Catalyst Regenerator/Fuel Gas Combustion Device/Claus Sulfur Recovery Plant Attributes
OP-UA51 - Dryer/Kiln/Oven Attributes
OP-UA52 - Closed Vent Systems and Control Devices
OP-UA53 - Beryllium Processing Attributes
OP-UA54 - Mercury Chlor-Alkali Cell Attributes
OP-UA55 - Transfer System Attributes
OP-UA56 - Vinyl Chloride Process Attributes
OP-UA57 - Cleaning/Depainting Operation Attributes
OP-UA58 - Treatment Process Attributes
OP-UA59 - Coke By-Product Recovery Plant Attributes
OP-UA60 - Chemical Manufacturing Process Unit Attributes
OP-UA61 - Pulp, Paper, or Paperboard Producing Process Attributes
OP-UA62 - Glycol Dehydration Unit Attributes
OP-UA63 - Vegetable Oil Production Attributes